

Iowa Department of Natural Resources
Title V Operating Permit

Name of Permitted Facility: Quaker Manufacturing, LLC

Facility Location: 418 Second Street NE
Cedar Rapids, IA 52401

Air Quality Operating Permit Number: 03-TV-022R2

Expiration Date: October 31, 2020

Permit Renewal Application Deadline: May 1, 2020

EIQ Number: 92-9200

Facility File Number: 57-01-027

Responsible Official

Name: Brent Bracey

Title: Sr. Plant Director - Cedar Rapids

Mailing Address: 418 Second Street NE, Cedar Rapids, IA 52401

Phone #: (319) 368-1584

Permit Contact Person for the Facility

Name: David G. Schill, CHMM

Title: Environmental Manager

Mailing Address: 418 Second Street NE, Cedar Rapids, IA 52401

Phone #: (319) 368-1530

This permit is issued in accordance with 567 Iowa Administrative Code Chapter 22, and is issued subject to the terms and conditions contained in this permit.

For the Director of the Department of Natural Resources



Lori Hanson, Supervisor of Air Operating Permits Section

11/1/15

Date

Table of Contents

I. Facility Description and Equipment List	4
II. Plant - Wide Conditions	12
III. Emission Point Specific Conditions	23
IV. General Conditions	287
G1. Duty to Comply	
G2. Permit Expiration	
G3. Certification Requirement for Title V Related Documents	
G4. Annual Compliance Certification	
G5. Semi-Annual Monitoring Report	
G6. Annual Fee	
G7. Inspection of Premises, Records, Equipment, Methods and Discharges	
G8. Duty to Provide Information	
G9. General Maintenance and Repair Duties	
G10. Recordkeeping Requirements for Compliance Monitoring	
G11. Evidence used in establishing that a violation has or is occurring.	
G12. Prevention of Accidental Release: Risk Management Plan Notification and Compliance Certification	
G13. Hazardous Release	
G14. Excess Emissions and Excess Emissions Reporting Requirements	
G15. Permit Deviation Reporting Requirements	
G16. Notification Requirements for Sources That Become Subject to NSPS and NESHAP Regulations	
G17. Requirements for Making Changes to Emission Sources That Do Not Require Title V Permit Modification	
G18. Duty to Modify a Title V Permit	
G19. Duty to Obtain Construction Permits	
G20. Asbestos	
G21. Open Burning	
G22. Acid Rain (Title IV) Emissions Allowances	
G23. Stratospheric Ozone and Climate Protection (Title VI) Requirements	
G24. Permit Reopenings	
G25. Permit Shield	
G26. Severability	
G27. Property Rights	
G28. Transferability	
G29. Disclaimer	
G30. Notification and Reporting Requirements for Stack Tests or Monitor Certification	
G31. Prevention of Air Pollution Emergency Episodes	
G32. Contacts List	
V. Appendix A: Links to the following	299
40 CFR Part 60 Subpart Dc – Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units	
40 CFR Part 60 Subpart JJJJ – Standards of Performance for Stationary Spark Ignition Internal Combustion Engines	
40 CFR Part 63 Subpart ZZZZ – National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	

Abbreviations

acfm	actual cubic feet per minute
ATI	authorization to install
CH.....	Cleaning House
CFR.....	Code of Federal Regulation
CE	control equipment
°F.....	degrees Fahrenheit
D	Downward discharge
EIQ.....	emissions inventory questionnaire
EP	emission point
EU	emission unit
gpm	gallon per minute
gr./dscf	grains per dry standard cubic foot
I	inside-vent inside building
IAC	Iowa Administrative Code
IDNR	Iowa Department of Natural Resources
IQO	Instant Quaker Oatmeal
LCPH	Linn County Public Health
LCO.....	Linn County Ordinance
MVAC.....	motor vehicle air conditioner
NAICS	North American Industry Classification System
N/A	not applicable
NSPS	new source performance standard
ppmv	parts per million by volume
lb./hr	pounds per hour
lb./MMBtu	pounds per million British thermal units
PTO.....	permit to operate
RTE	Ready to Eat
scfm	standard cubic feet per minute
SIC	Standard Industrial Classification
TPH.....	tons per hour
TPY	Tons per year
USEPA.....	United States Environmental Protection Agency
V.....	Vertical (without rain cap or with unobstructing rain cap)
VR	Vertical, with obstruction rain cap

Pollutants

CO.....	carbon monoxide
HAP.....	hazardous air pollutant
NO _x	nitrogen oxides
PM.....	particulate matter
PM ₁₀	particulate matter ten microns and less in diameter
PM _{2.5}	particulate matter two point five microns and less in diameter
SO ₂	sulfur dioxide
VHAP	volatile hazardous air pollutant
VOC	volatile organic compound

I. Facility Description and Equipment List

Facility Name: Quaker Manufacturing, LLC

Permit Number: 03-TV-022R2

Facility Description: Cereal Breakfast Food Manufacturer (SIC 2043); Breakfast Cereal Manufacturing (NAICS 311230); Flavoring Syrup and Concentrate Manufacturing (NAICS 311930); Flour Milling (NAICS 311211)

Equipment List

Emission Point Number	Emission Unit Number	Emission Unit Description	LCPH Construction Permit Number
A01	EUA01	Elevator D Grain Handling System	5476 / 5241
A07	EUA07	Elevator A Hull Transfer System	5477 / 5242
A13	EUA13	Elevator G Transfer/Conveying System A	6708 / 6487
A17	EUA17	Elevator G Grain Unloading System A	5552 / 5430
A18	EUA18	Elevator G Grain Unloading System B & Loadout System	5553 / 5431
A21	EUA21	Bridges Transfer/Conveying System A	5554 / 5432
A25	EUA25	Elevator G Aeration Bin 124	337 / 405
A26	EUA26	Elevator G Aeration Bin 126	4779 / 2203
A27	EUA27	Elevator G Aeration Bin 128	4780 / 2204
A28	EUA28	Elevator G Aeration Bin 130	4781 / 2205
A29	EUA29	Elevator G Aeration Bin 132	4782 / 2206
A30	EUA30	Elevator G Aeration Bin 134	4783 / 2207
A31	EUA31	Elevator G Aeration Bin 158	4784 / 2208
A32	EUA32	Elevator G Aeration Bin 160	4785 / 2209
A33	EUA33	Elevator G Aeration Bin 162	4786 / 2211
A34	EUA34	Elevator G Aeration Bin 164	4787 / 2210
A37	EUA37	Elevator G Grain Cleaning & Elevator Legs	6273 / 6045
A38	EUA38	Elevator G Bintop Grain Handling System A	5556 / 5434
A39	EUA39	Elevator E/F Grain Handling System	5557 / 5435
A40	EUA40	Screenings Storage Bin, CH #1	5786 / 5493
A41	EUA41	Elevator G Basement Grain Handling System A	5558 / 5436
A42	EUA42	Elevator A Bintop Grain Handling System B	5831 / 5568
A43	EUA43	Elevator A Basement Grain Handling System A	5832 / 5569
A44	EUA44	Elevator G Basement Grain Handling System B	5559 / 5437
A45	EUA45	Elevator G Aeration Bin #58	2525 / 2544
A46	EUA46	Elevator G Aeration Bin #60	2524 / 2543
A47	EUA47	Elevator G Aeration Bin #62	2523 / 2542
A48	EUA48	Elevator G Aeration Bin #64	2522 / 2541
A49	EUA49	Elevator G Aeration Bin #66	2521 / 2540
A50	EUA50	Elevator G Aeration Bin #68	2520 / 2550
A51	EUA51	Elevator G Aeration Bin #78	2519 / 2539
A52	EUA52	Elevator G Aeration Bin #80	2518 / 2538
A53	EUA53	Elevator G Aeration Bin #82	2517 / 2537
A54	EUA54	Elevator G Aeration Bin #84	2516 / 2536
A55	EUA55	Elevator G Aeration Bin #86	2515 / 2535
A56	EUA56	Elevator G Aeration Bin #88	2514 / 2534
A57	EUA57	Elevator G Aeration Bin #90	2513 / 2533

Emission Point Number	Emission Unit Number	Emission Unit Description	LCPH Construction Permit Number
A58	EUA58	Elevator G Aeration Bin #92	2512 / 2527
A59	EUA59	Elevator G Aeration Bin #102	2511 / 2548
A60	EUA60	Elevator G Aeration Bin #104	2510 / 2532
A61	EUA61	Elevator G Aeration Bin #106	2509 / 2531
A62	EUA62	Elevator G Aeration Bin #108	2508 / 2530
A63	EUA63	Elevator G Aeration Bin #110	2507 / 2529
A64	EUA64	Elevator G Aeration Bin #112	2506 / 2528
A65	EUA65	Elevator G Aeration Bin #114	2505 / 2549
A66	EUA66	Elevator G Aeration Bin #116	2504 / 2545
A67	EUA67	Elevator G Aeration Bin #136	2503 / 2547
A68	EUA68	Elevator G Aeration Bin #138	2502 / 2546
A71	EUA71	Elevator A Bintop Grain Handling System A	5478 / 5243
A72	EUA72	Elevator C Bintop and Bridge System B	5685 / 5373
B04	EUB04	Corn Mills Cleaning House Process	3705 / 3716
B07	EUB07	#3 PMC Trim Cutter	6227 / 6001
B08	EUB08	Corn Milling Process A, Mill A	4361 / 4385
B09	EUB09	General Dust Collection Railcar Loading System	4106 / 4262
B10	EUB10	Corn Milling Process C, Mill A	5966 / 5643
B11	EUB11	Snack Grits Gravity Table	5707 / 5464
B22	EUB22	Bran Grinder System, Corn Mill	1860 / 1814
B24	EUB24	Corn Mill Fine Grinder	2643 / 3019
B25	EUB25	Corn Milling Process A&B, Mill B	5787 / 5491
B26	EUB26	Corn Mill A Grit and Germ Separation	5788 / 5492
B27	EUB27	Corn Mill A Flour Grinder I	4108 / 4111
B28	EUB28	Corn Mill A Flour Grinder II	4109 / 4112
B29	EUB29	Grits Drum Dryers #1-4	4110 / 4337
B30	EUB30	Grits Drum Dryers #5-8	4111 / 4338
B31	EUB31	Cooked Grits Dust Collection	4112 / 4339
B33	EUB33	Corn Mill Finished Product Dryer	4313 / 4386
B34	EUB34	Corn Milling Process C, Mill B	5188 / 5173
B35	EUB35	Corn Mill A&B Hominy Grinder	4512 / 4546
B36	EUB36	Corn Mill Dry Mix Hopper	4961 / 4954
D01	EUD01	Primary Large Oat Aspiration #1	5743 / 5545
D02	EUD02	Primary Large Oat Aspiration #2	5744 / 5546
D03	EUD03	Oat Cleaning Process System A	6278 / 6056
D04	EUD04	Primary Large Oat Aspiration #3	5745 / 5547
D05	EUD05	General Dust Collection	5967 / 5644
D06	EUD06	Oats Dryer / Cooler #1	6398 / 6250
D07	EUD07	Oat Cleaning Process System C	5919 / 5605
D08	EUD08	Oats Dryer / Cooler #2	6399 / 6425
D09	EUD09	Oats Dryer / Cooler #3	6400 / 6339
D10	EUD10	Oats Dryer / Cooler #4	6401 / 6251
D11	EUD11	Oats Dryer / Cooler #5	6402 / 6423
D12	EUD12	Oats Dryer / Cooler #6	6403 / 6432
D13	EUD13	Oats Dryer / Cooler #7	6404 / 6252
D14	EUD14	Oat Cleaning Process System D	5920 / 5606
D15	EUD15	Secondary Large Oat Aspiration #1	5747 / 5549
D16	EUD16	Secondary Large Oat Aspiration #2	5748 / 5550
D17	EUD17	Oats Transfer / Packaging System A	170 / 98
D18	EUD18	Secondary Large Oat Aspiration #3	5749 / 5551
D19	EUD19	Primary Stub Oat Aspiration	5750 / 5552

Emission Point Number	Emission Unit Number	Emission Unit Description	LCPH Construction Permit Number
D20	EUD20	Secondary Stub Oat Aspiration	5751 / 5553
D21	EUD21	Oat Rolling and Transfer System A	5176 / 5140
D22	EUD22	Track 5 Loadout Reclaim	5739 / 5460
D23	EUD23	Elevator C, Bin #3 Airlock	5741 / 5461
D25	EUD25	CH2 General Dust Collection	6279 / 6057
D26	EUD26	CH2 Grading Gravity Tables (2)	5922 / 5608
D27	EUD27	Oat Bran Flour Bin-top (Bin #4)	5737 / 5465
D28	EUD28	Oat Rolling System G	No ATI / 1729
D29	EUD29	Oat Cleaning Process System K	5923 / 5609
D30	EUD30	Oat Flour Bliss Mill System #1	6761 / 6539
D31	EUD31	Oat Flour Filter Receiver System #1	6762 / 6540
D32	EUD32	Oat Flour Bliss Mill System #2	6763 / 6541
D33	EUD33	Oat Flour Filter Receiver System #2	6764 / 6542
D34	EUD34	CH2 Grading Gravity Tables (2)	5925 / 5611
D35	EUD35	Super Sack Flour	6171 / 5937
D36	EUD36	Oat Flour Mill General Dust Collection System #1	6765 / 6543
D37	EUD37	Oat Flour Mill General Dust Collection System #2	6766 / 6544
D38	EUD38	Oat Conveying / Transfer Process B	1351 / 1395
D39	EUD39	Pneumatic Transfer Systems – Groat Storage	5181 / 5141
D40	EUD40	CH#1 Screenings Grinding System	5790 / 5495
D41	EUD41	Project Big Oat Aspirators	5942 / 5640
D42	EUD42	Oat Rolling System 1	6524 / 6259
D43	EUD43	Oat Cleaning Process System F	5837 / 5574
D44	EUD44	Groat Conveying / Transfer / Unloading Process	4885 / 4845
D45	EUD45	Oats / Instant Oats Processing / Transfer System	5487 / 5253
D46	EUD46	Grading Gravity Tables (2)	5752 / 5554
D47	EUD47	General Dust Collection	5968 / 5645
D49	EUD49	Grading Gravity Table	5754 / 5556
D50	EUD50	CH#2 Oat Cleaning Process System H	5792 / 5497
D51	EUD51	CH#2 Oat Cleaning Process System I	5793 / 5498
D52	EUD52	CH#2 Oat Cleaning Process System J	5794 / 5499
D53	EUD53	CH#2 Oat Pro Processing System	5795 / 5500
D54	EUD54	Groats Transfer System to Milling and 2 Roll Stands	4150 / 4259
D55	EUD55	Barley Pearler Dust Collector	5944 / 5642
D56	EUD56	Storage Bin, Elevator C, Bin #3	5560 / 5438
D57	EUD57	C-Mill/Track 13 Groat Transfer System	5020 / 5039
D58	EUD58	SQO Storeveyor	5418 / 5231
D59	EUD59	Project Big Oat-General Dust Collection	6525 / 6260
D60	EUD60	Dirty Oats Filter Receiver #1	5391 / 5408
D61	EUD61	Dirty Oats Filter Receiver #2	5392 / 5409
D62	EUD62	300 V Gravity Table	5393 / 5410
D63	EUD63	Light Oats Primary Aspiration Filter Receiver	5394 / 5411
D64	EUD64	Light Oats Secondary Aspiration Filter Receiver	5395 / 5412
D65	EUD65	Light Oats Destoner FR	5396 / 5413
D66	EUD66	90V Gravity Table	5397 / 5414
D67	EUD67	Heavy Oats Primary Aspiration Filter Receiver	5398 / 5415
D68	EUD68	Heavy Oats Secondary Aspiration Filter Receiver	5399 / 5416
D69	EUD69	Heavy Oats Destoner Filter Receiver	5400 / 5417
D71	EUD71	Dried Groats Aspiration Filter Receiver	5401 / 5418
D72	EUD72	B Grade Gravity Table	5402 / 5419
D73	EUD73	Chips Surge Bin Supply Cyclone Receiver	5403 / 5420

Emission Point Number	Emission Unit Number	Emission Unit Description	LCPH Construction Permit Number
D74	EUD74	General Dust Collection #1	5404 / 5421
D75	EUD75	General Dust Collection #2	5405 / 5422
D76	EUD76	General Sanitation Vacuum System	5406 / 5423
D77	EUD77	CH#3 Grading Gravity Tables (2)	5687 / 5406
D78	EUD78	A Grade Groat Transfer to C-Mill Filter Receiver	5407 / 5424
D79	EUD79	A Grade Groat Transfer to Elevator D Filter Receiver	5408 / 5425
D80	EUD80	B Grade Groat Transfer to C-Mill Filter Receiver	5409 / 5426
D81	EUD81	B Grade Groat Transfer to Elevator D Filter Receiver	5410 / 5427
D82	EUD82	MIAG Kiln #1	5411 / 5428
	EUD83	MIAG Kiln #2	
D85	EUD85	CH2 Gravity Tables (3)	6280 / 6058
D86	EUD86	CH3 Gluten Free System	6724 / 6536
E06	EUE06	Unground Oathull Conveying	No ATI / 1725
E09	EUE09	Storage Bin, Elevator D, Bin #9	377 / 292
E27	EUE27	By-Products Truck Loading System	5021 / 5055
E31	EUE31	Storage Bin, Elevator D, Bin #8	4245 / 4286
E32	EUE32	Storage Bin, Elevator D, Bin #10	2089 / 2240
E33	EUE33	Storage Bin, Elevator D, Bin #4	2102 / 2293
E34	EUE34	Storage Bin, Elevator D, Bin #5	2102 / 2294
E35	EUE35	Storage Bin, Elevator D, Bin #3	4246 / 4287
E39	EUE39	Railcar Unloading, Sugar	3466 / 3407
E40	EUE40	Sugar Storage Bin, Warehouse 8, 9 th Floor	3467 / 3408
E41	EUE41	Storage Bin, Elevator D, Bin #6, Oat Hulls	4201 / 4260
E42	EUE42	East Oat Hull Truck Loadout System	4472 / 4707
E43	EUE43	West Oat Hull Truck Loadout System	4774 / 4708
F01	EUF01	Paint Spray Booth Exhaust Fan	3760 / 3711
F01	EUF01A	Paint Spray Booth Exhaust Fan	3760 / 3711
F01	EUF01B	Paint Spray Booth Exhaust Fan	3760 / 3711
F01	EUF01C	Paint Spray Booth Exhaust Fan	3760 / 3711
FG01	EUFG01	Fugitives – Elevator G Unloading System A	FUGITIVE
FG02	EUFG02	Fugitives – Elevator G Unloading System B	FUGITIVE
FG03	EUFG03	Fugitives – Tracks #8/9 Loadout System	FUGITIVE
FG04	EUFG04	Fugitives – Track #4 Hull Loadout System	FUGITIVE
FG05	EUFG05	Fugitives – Track #4 Hull Unloading System	FUGITIVE
FG06	EUFG06	Fugitives – Grain Fumigation	FUGITIVE
G05	EUG05	Storage Bin, C Mill Bin Annex, Bin #12	373 / 288
G06	EUG06	Storage Bin, C Mill Bin Annex, Bin #13	372 / 287
G07	EUG07	Storage Bin, C Mill Bin Annex, Bin #14	371 / 286
G08	EUG08	Storage Bin, C Mill Bin Annex, Bin #4	No ATI / 1722
G09	EUG09	Storage Bin, C Mill Bin Annex, Bin #15	660 / 819
G10	EUG10	Clybourn Packaging Line – Surge Bin	2097 / 2237
G11	EUG11	Storage Bin, Warehouse #6, Bin #1	3312 / 3409
G12	EUG12	Storage Bin, Warehouse #6, Bin #2	3738 / 3713
G13	EUG13	Storage Bin, Warehouse #6, Bin #3	3314 / 3411
G14	EUG14	Storage Bin, Warehouse #6, Bin #4	3739 / 3714
H01	EUH01	Cornmeal Storage Bin, C Mill, 11 th Floor	279 / 264
H07	EUH07	Farina Transfer / Packaging System	370 / 285
H13	EUH13	Oats Transfer / Packaging System B	2005 / 812
H15	EUH15	Instant Oats Processing / Packaging System C	5728 / 5458
H18	EUH18	Gluten Free System Cutting & Flaking Systems	6725 / 6534
H20	EUH20	Oats Tube Cleaning Process	5797 / 5502

Emission Point Number	Emission Unit Number	Emission Unit Description	LCPH Construction Permit Number
H21	EUH21	Paper Trim Large Round	5740 / 5466
H22	EUH22	Gluten Free Groat Receiving System	6726 / 6535
H23	EUH23	IQG Line #2 Top Sealer	6755 / 6537
J27	EUJ27	Storage Bin, C Mill Bin Annex, Bin #1	3211 / 3428
J28	EUJ28	Storage Bin, C Mill Bin Annex, Bin #2	No ATI / 1695
J29	EUJ29	Storage Bin, C Mill Bin Annex, Bin #6	No ATI / 1694
J30	EUJ30	Storage Bin, C Mill Bin Annex, Bin #7	No ATI / 1693
J31	EUJ31	Storage Bin, C Mill Bin Annex, Bin #3	No ATI / 1692
J32	EUJ32	Storage Bin, C Mill Bin Annex, Bin #5	2156 / 2100
J33	EUJ33	Storage Bin, C Mill Bin Annex, Bin #10	3468 / 3413
J36	EUJ36	Storage Bin, C Mill Bin Annex, Bin #16	2857 / 3034
J45	EUJ45	Storage Bin, C Mill Bin Annex, Bin #16	3876 / 3929
J46	EUJ46	C-Mill Annex Reject Dust Collector	4962 / 4955
K03	EUK03	Package Building RTE #1 Product Dryer Separator	3744 / 3817
	EUK03A	Flash Dryer Gas Burner, Package Building #1 RTE	
K04	EUK04	Package Building RTE #2 Product Dryer Separator	3745 / 3818
	EUK04A	Flash Dryer Gas Burner, Package Building #2 RTE	
K05	EUK05	Package Building RTE #1 Cereal Belt Dryer	3746 / 3819
	EUK05A	Package Building RTE #1 Dryer Gas Burners	
K06	EUK06	Package Building RTE #2 Cereal Belt Dryer	3747 / 3820
	EUK06A	Package Building RTE #2 Dryer Gas Burners	
K07	EUK07	Package Building RTE #3 Product Dryer Separator	4047 / 4114
	EUK07A	Flash Dryer Gas Burner, Package Building #3 RTE	
K08	EUK08	Package Building RTE #1, Cereal Cooler	3748 / 3821
K10	EUK10	Package Building RTE #2, Cereal Cooler	3749 / 3822
K11	EUK11	Package Building RTE #1 Base Cooling Process	3750 / 3823
K12	EUK12	Package Building RTE #3 Cereal Belt Dryer	5172 / 5119
	EUK12A	Package Building RTE #3, Dryer Gas Burners	
K13	EUK13	Package Building RTE #3, Cereal Cooler	4048 / 4116
K17	EUK17	Life Line #1, Product Separator #2	5702 / 5504
K18	EUK18	Life Line #2, Product Separator #2	5703 / 5505
K19	EUK19	Life Line #3, Product Separator #2	5704 / 5506
K20	EUK20	Life Hot Extruder Exhaust Process	6717 / 6476
K21	EUK21	Life Scoring Rolls Exhaust Process	3865 / 3930
K22	EUK22	Life Line #1, Product Separator #1	No ATI / 1676
K23	EUK23	Life Line #2, Product Separator #1	No ATI / 1675
K24	EUK24	Life Line #3, Product Separator #1	No ATI / 1674
K25	EUK25	Life Line #1 Cereal Belt Dryer	No ATI / 1673
	EUK25A	Life #1 Dryer Gas Burners	
K26	EUK26	Life Line #2 Cereal Belt Dryer	No ATI / 1672
	EUK26A	Life #2 Dryer Gas Burners	
K27	EUK27	Life Line #3 Cereal Belt Dryer	No ATI / 1671
	EUK27A	Life #3 Dryer Gas Burners	
K28	EUK28	Life Line #4 Product Separator #1	362 / 305
K29	EUK29	Life Line #1 Cereal Cooler	No ATI / 1670
K30	EUK30	Life Line #2 Cereal Cooler	No ATI / 1669
K32	EUK32	Life Line #3 Cereal Cooler	No ATI / 1667
K41	EUK41	Storage Bin, C Mill Bin Annex, Bin #11	361 / 277
K42	EUK42	Storage Bin, C Mill Bin Annex, Bin #8	1922 / 1663
K43	EUK43	Life Regular Transfer/ Conveying Process	329 / 310
K46	EUK46	Storage Bin, C Mill Bin Annex, Bin #9	2155 / 2238

Emission Point Number	Emission Unit Number	Emission Unit Description	LCPH Construction Permit Number
K48	EUK48	Life Line #4 Cereal Belt Dryer	360 / 303
	EUK48A	Life #4 Dryer Gas Burners	
K49	EUK49	Life Oven Canopy Exhaust Process	359 / 307
K50	EUK50	Life Line #4 Cereal Cooler	358 / 306
K51	EUK51	Life Line #4, Product Separator #2	5705 / 5467
K52	EUK52	RTE Case Conveying/Pneumatic Scales Meta	6229 / 6014
K53	EUK53	Life Sanding Sugar Reclaim	5736 / 5459
K54	EUK54	Sugar Storage Bin, Warehouse 6, 10 th Floor	6015 / 5693
K55	EUK55	Life Trim Stock Cleaning Pneumatic Conveying System	5798 / 5503
K56	EUK56	RTE Case Conveying/Pneumatic Scales Twin Pack	6230 / 6015
K58	EUK58	Life Cinnamon Transfer/Conveying Process	2083 / 2220
K59	EUK59	Package Building RTE #3 Remill / Transfer System	2527 / 3038
K64	EUK64	Package Building RTE #4 Product Dryer Separator	3153 / 3429
K64	EUK64A	Flash Dryer Gas Burner, Package Building RTE #4	3153 / 3429
K65	EUK65	Package Building RTE #4 Base Product Dust Collection	3154 / 3430
K68	EUK68	Package Building RTE #4 Cereal Belt Dryer	3157 / 3431
K68	EUK68A	Package Building RTE #4, Dryer Gas Burners	3157 / 3431
K69	EUK69	Package Building RTE #4 Cereal Cooler	3158 / 3432
K70	EUK70	Package Building RTE #4 Peanut Butter Cooler	4091 / 4118
K72	EUK72	Oat Squares System #15	5856 / 5622
K73	EUK73	Package Building RTE #4 By-Products System	3317 / 3435
K76	EUK76	Life Line #5/6 Cinnamon Dump Station	4963 / 4956
K78	EUK78	Life Sugar Reclaim System	3937 / 3943
K79	EUK79	Life Lines 5/6 Blender / Extruder Exhaust	4970 / 4963
K80	EUK80	Life Line #5/6 Cinnamon Transfer System	4964 / 4957
K81	EUK81	Life Lines 5/6 Product Separator #1	4971 / 4964
K82	EUK82	Life Lines 5/6 Pellet Cooler & Conveying	4972 / 4965
K83	EUK83	Life Lines 5/6 Pellet Product Separator #2	4973 / 4966
K84	EUK84	Life Line #5 Cereal Belt Dryer – Zone #1	5488 / 5254
	EUK84A	Life #5 Dryer Gas Burner Zone #1	
K85	EUK85	Life Line #5 Cereal Belt Dryer – Zone #2	5489 / 5255
	EUK85A	Life #5 Dryer Gas Burner Zone #2	
K86	EUK86	Life Line #5 Cereal Belt Dryer – Zone #3	5490 / 5256
	EUK86A	Life #5 Dryer Gas Burner Zone #3	
K87	EUK87	Life Line #5 Belt Cooler / Canopy Exhaust	5491 / 5257
K88	EUK88	Life Line #6 Cereal Belt Dryer – Zone #1	5492 / 5258
	EUK88A	Life #6 Dryer Gas Burner Zone #1	
K89	EUK89	Life Line #6 Cereal Belt Dryer – Zone #2	5493 / 5259
	EUK89A	Life #6 Dryer Gas Burner Zone #2	
K90	EUK90	Life Line #6 Cereal Belt Dryer – Zone #3	5494 / 5260
	EUK90A	Life #6 Dryer Gas Burner Zone #3	
K91	EUK91	Life Line #6 Belt Cooler / Canopy Exhaust	5495 / 5261
K92	EUK92	Life Lines 5/6 Finished Product Dust Collection	4982 / 4975
K94	EUK94	Life Lines #5/6 Packaging Dust Collection	4983 / 4976
K96	EUK96A	Life Line #5/6 Pellet Mixing & Conveying	6127 / 5917
	EUK96B	Life Line #5/6 Pellet Trimstock Cyclone	
K97	EUK97	Life Line #5 Sugar Receiver	4967 / 4960
K98	EUK98	Life Line #6 Sugar Receiver	4968 / 4961
K99	EUK99	Life Line #5/6 Dry Mix Dust Collector	4969 / 4962
L01	EUL01	Boiler 1	5816 / 5613
	EUL02	Boiler 2	

Emission Point Number	Emission Unit Number	Emission Unit Description	LCPH Construction Permit Number
	EUL03	Boiler 3	
	EUL04	Boiler 4	
	EUL05	Boiler 5	
L02	EUL06	Boiler 6	5817 / 5614
	EUL07	Boiler 7	
	EUL08	Boiler 8	
	EUL09	Boiler 9	
	EUL10	Boiler 10	
S01	EUS01	Oat Squares System #1	5842 / 5261
S02	EUS02	Oat Squares System #2	5843 / 5623
S03	EUS03	Oat Squares System #3	5844 / 5624
S04	EUS04	Oat Squares System #4	5845 / 5625
S05	EUS05	Oat Squares System #5	5846 / 5626
S06	EUS06	Oat Squares System #6	5847 / 5627
S07	EUS07	Oat Squares System #7	5848 / 5628
S08	EUS08	Oat Squares System #8	5849 / 5629
S09	EUS09	Oat Squares System #9	5850 / 5630
S10	EUS10	Oat Squares System #10	5851 / 5631
S11	EUS11	Oat Squares System #11	5852 / 5632
S12	EUS12	Oat Squares System #12	5853 / 5633
S13	EUS13	Oat Squares System #13	5854 / 5634
S14	EUS14	Oat Squares System #14	5855 / 5635
S16	EUS16	Oat Squares System #16	5857 / 5636
S17	EUS17	Oat Squares System #17	5858 / 5637
S18	EUS18	Oat Squares System #18	5859 / 5638
S19	EUS19	Oat Squares System #19	6080 / 5788
S49	EUINS49	Fire Pump Diesel Engine	--
S50	EUINS50	Elevator G Emergency Generator	--
ICE51	ICE51	A-Mill Generator – 1	--
ICE52	ICE52	A-Mill Generator – 2	--
ICE53	ICE53	D-Mill Generator	--

Insignificant Activities Equipment List

Insignificant Emission Unit Number	Insignificant Emission Unit Description
EUFG50	Fugitives – Elevator G Grain Loadout System
EUFG51	Fugitives – Track #5 Loadout System
EUFG52	Fugitives – Byproducts Truck Loadout System
EUFG53	Fugitives – Track #13 Loadout System
EUFG54	Fugitives – Track #4 Residue Loadout System
EUFG55	Fugitives – Byproducts Truck Loadout System, C Mill
EUFG58	Fugitives – Round Tube Winding Gluing Process
EUINS56	Diesel Fuel Oil Tank <500 Gallons

II. Plant-Wide Conditions

Facility Name: **Quaker Manufacturing, LLC**
Permit Number: **03-TV-022R2**

Permit conditions are established in accord with 567 Iowa Administrative Code rule 22.108

Permit Duration

The term of this permit is: less than 5 years
Commencing on: November 1, 2015
Ending on: October 31, 2020

Amendments, modifications and reopenings of the permit shall be obtained in accordance with 567 Iowa Administrative Code rules 22.110 - 22.114. Permits may be suspended, terminated, or revoked as specified in 567 Iowa Administrative Code Rules 22.115.

Emission Limits

Unless specified otherwise in the Source Specific Conditions, the following limitations and supporting regulations apply to all emission points at this plant:

Opacity (visible emissions): 20% opacity
Authority for Requirement: LCO 10.7

Sulfur Dioxide (SO₂): 500 parts per million by volume
Authority for Requirement: 567 IAC 23.3(3)"e"
LCO 10.12(2)

Particulate Matter:

No person shall cause or allow the emission of particulate matter from any source in excess of the emission standards specified in this chapter, except as provided in 567 – Chapter 24. For sources constructed, modified or reconstructed after July 21, 1999, the emission of particulate matter from any process shall not exceed an emission standard of 0.1 grain per dry standard cubic foot of exhaust gas, except as provided in 567 – 21.2(455B), 23.1(455B), 23.4(455B) and 567 – Chapter 24. For sources constructed, modified or reconstructed prior to July 21, 1999, the emission of particulate matter from any process shall not exceed the amount determined from Table I, or amount specified in a permit if based on an emission standard of 0.1 grain per standard cubic foot of exhaust gas or established from standards provided in 23.1(455B) and 23.4(455B).
Authority for Requirement: 567 IAC 23.3(2)"a"

Particulate Matter:

No person shall permit, cause, suffer or allow the emission of particulate matter into the atmosphere in any one hour from any emission point from any process equipment at a rate in excess of that specified in Table I for the process weight rate allocated to such emission point. The emission standards in LCO 10.9 (1)"a" shall apply and those specified in LCO 10.8 and 10.9 and Table I shall not apply to each process of the types listed in those sections, with the following exception: whenever the compliance status, history of operations, ambient air quality in the vicinity, or the type of control equipment utilized, would warrant maximum control, the Air Pollution Control Officer may enforce 0.1 grain per standard cubic foot of exhaust gas, or Table I of this section, whichever would result in the lowest allowable emission rate.
Authority for Requirement: LCO 10.9(1)

Fugitive Dust: Attainment and Unclassified Areas - A person shall take reasonable precautions to prevent particulate matter from becoming airborne in quantities sufficient to cause a nuisance as defined in Iowa Code section 657.1 when the person allows, causes or permits any materials to be handled, transported or stored or a building, its appurtenances or a construction haul road to be used, constructed, altered, repaired or demolished, with the exception of farming operations or dust generated by ordinary travel on unpaved roads. Ordinary travel includes routine traffic and road maintenance activities such as scarifying, compacting, transporting road maintenance surfacing material, and scraping of the unpaved public road surface. (the preceding sentence is State Only) All persons, with the above exceptions, shall take reasonable precautions to prevent the discharge of visible emissions of fugitive dusts beyond the lot line of the property on which the emissions originate. The public highway authority shall be responsible for taking corrective action in those cases where said authority has received complaints of or has actual knowledge of dust conditions which require abatement pursuant to this subrule. Reasonable precautions may include, but not be limited to, the following procedures.

1. Use, where practical, of water or chemicals for control of dusts in the demolition of existing buildings or structures, construction operations, the grading of roads or the clearing of land.
2. Application of suitable materials, such as but not limited to asphalt, oil, water or chemicals on unpaved roads, material stockpiles, race tracks and other surfaces which can give rise to airborne dusts.
3. Installation and use of containment or control equipment, to enclose or otherwise limit the emissions resulting from the handling and transfer of dusty materials, such as but not limited to grain, fertilizers or limestone.
4. Covering at all times when in motion, open-bodied vehicles transporting materials likely to give rise to airborne dusts.
5. Prompt removal of earth or other material from paved streets or to which earth or other material has been transported by trucking or earth-moving equipment, erosion by water or other means.
6. Reducing the speed of vehicles traveling over on-property surfaces as necessary to minimize the generation of airborne dusts.

Authority for Requirement: 567 IAC 23.3(2)"c"
LCO 10.13

2008 CH3 NAAQS Offset Requirements

A1. Operating Limits

1. The following emission points in Table A are to be modified prior to the startup of any single source associated with the cleaning house 3 project. A letter requesting permit rescissions and permit to operate applications to acknowledge the following modifications are to be received no later than May 1, 2008 or the startup of cleaning house 3, whichever is later.

Table A

EP	Description	Modification	Deadline
A03	Elevator A East Scale Garner	Removal from service – request and obtain permit rescissions	Prior to startup of CH3
A04	Elevator A West Scale Garner		
H17	Round Packaging/Skivving/Transfer System		
A01	Elevator D Grain Handling System	Modify stack to vertical, unobstructed	
A07	Elevator A Hull Transfer System		
A71	Elevator A Bin Top Grain Handling System		
A72	Elevator C Bin Top & Bridge System B		
D06	Oats Dryer / Cooler #1		
D08	Groats Dryer / Cooler #2		
D09	Groats Dryer / Cooler #3		
D10	Groats Dryer / Cooler #4		

EP	Description	Modification	Deadline
D11	Groats Dryer / Cooler #5		
D12	Groats Dryer / Cooler #6		
D13	Groats Dryer / Cooler #7		
D42	Oat Rolling System I		
D45	Oats/Instant Oats Proc/Transfer System		
K84	Life Line #5 Belt Dryer – Zone 1		
K85	Life Line #5 Belt Dryer – Zone 2		
K86	Life Line #5 Belt Dryer – Zone 3		
K87	Life Line #5 Belt Cooler/Canopy		
K88	Life Line #6 Belt Dryer – Zone 1		
K89	Life Line #6 Belt Dryer – Zone 2		
K90	Life Line #6 Belt Dryer – Zone 3		
K91	Life Line #6 Belt Cooler/Canopy		

2. A security plan shall be maintained on-site documenting how the general public is denied access to the facility; specifically all on-property easements (e.g. railways) running through the plant property. This plan is required for the duration that Quaker Manufacturing, LLC relies on the removal of receptors along any on-property easement necessary to predict compliance with the current PM₁₀ NAAQS air dispersion model. This plan shall include at a minimum the following:
 - No trespassing signs posted at all on-property easements running through the Quaker property.
 - Surveillance camera(s) monitoring all on-property easements on a 24-7 basis.

A2. Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Maintain the security plan onsite.
2. Maintain a log that indicates the date the modification was finalized for all sources listed in Table A.

Plant-Wide Monitoring

The units listed with each O&M plan must meet the operating and maintenance requirements listed below.

Agency Operations & Maintenance Plan Fabric Filter Low Temperature, T<180°F

This operation and maintenance plan shall apply to the following emission points:
A07, A13, A21, A40, A71, B07, B09, B11, B22, B24, B27, B28, B31, B35, B36, D01, D02, D04, D15, D16, D17, D18, D19, D20, D21, D22, D23, D26, D27, D30, D32, D35, D36, D37, D38, D39, D40, D41, D51, D52, D56, D57, D58, D59, D60, D61, D62, D63, D64, D65, D67, D68, D69, D71, D73, D74, D76, D78, D79, D80, D81, E06, E09, E31, E32, E33, E34, E35, E39, E40, E41, E42, G05, G06, G07, G08, G09, G10, G11, G12, G13, G14, H01, H07, H13, H18, H20, H21, J27, J28, J29, J30, J31, J32, J33, J36, J45, J46, K11, K21, K41, K42, K43, K46, K52, K53, K54, K55, K56, K58, K59, K65, K72, K73, K76, K78, K80, K92, K94, K97, K98, K99, S01, S02, S03, S04, S05, S06 S07, S08, S09, S10, S11, S12, S13, S14, S16, S17, S18, S19.

Weekly no visible emissions readings have been waived for emission point D05 because of physical limitations and high moisture content.

Weekly no visible emissions readings have been waived for the following emission points because they exhaust internal to the building: A40, A42, A43, B07, B11, B36, D01, D02, D03, D04, D05, D07, D14, D15, D16, D18, D19, D20, D22, D23, D24, D25, D26, D27, D29, D30, D31, D32, D33, D34, D35, D40, D41, D43, D46, D47, D49, D50, D51, D52, D53, D55, D59, D60, D61, D62, D63, D64, D65, D66, D67, D68, D69, D71, D72, D73, D74, D75, D76, D77, D86, H20, H21, H22, J46, K52, K53, K54, K55, K56, K72, K76, K80, K96, K97, K98, K99, S01, S02, S03, S04, S05, S06, S07, S08, S09, S10, S11, S12, S13, S14, S16, S17, S18, S19.

The following emission points require **monthly** no visible emissions readings instead of weekly readings because they operate less than 870 hours during the year: A39, E35, G05, G06, G07, G09, G11, J30, and K42.

Monitoring Guidelines

The facility makes a commitment to take timely corrective action during periods of excursion where the visual or mechanical indicators are out of range. A corrective action may include an investigation of the reason for the excursion, evaluation of the situation, and necessary follow-up action to return operation within the indicator range. An excursion is determined by the averaged discrete data point over a period of time. An excursion does not necessarily indicate a violation of an applicable requirement.

If the corrective action measures fail to return the indicators to the appropriate range, the facility will report the exceedance to the department pursuant to LCCO 10.14 and 567 IAC 22.108(5)"b" and conduct source testing within 90 days of the exceedance to demonstrate compliance with applicable requirements. If the test demonstrates compliance with emission limits then new indicator ranges may be set for monitoring and the agreed upon new ranges must be incorporated in the operating permit. If the test demonstrates noncompliance with emission limits, then the facility, within 60 days, will propose a schedule to implement corrective action to bring the source into compliance and demonstrate compliance.

General

Periodic Monitoring is not required during periods of time greater than one week or longer in which the source does not operate. If the equipment operates at all during the week, monitoring must be performed for that week.

Weekly

- Visible emissions shall be observed on a weekly basis to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed, this would be an exceedance not a violation and corrective action will be initiated as soon as possible, but no later than eight (8) hours from the observation of visible emissions.
- If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required. If a Method 9 opacity greater than the Linn County PTO limit or >20%, if no limit in Linn County PTO, is observed, this would be a violation and corrective action will be initiated as soon as possible, but no later than eight hours from Method 9 observation. An excess emission report shall be filed pursuant to LCCO 10.14.
- If weather conditions prevent the observer from conducting a visible emissions observation, the observer shall note such conditions on the data observation sheet. If a reading is necessary to meet the required weekly monitoring, at least three attempts shall be made to retake the observation at approximately 2 hour intervals throughout the day. If unsuccessful that day due to weather, an observation shall be made the next operating day when weather permits.
- Check and document the fabric filter pressure drop.
 - If a pressure drop greater than 1.5" w.g. from the previous reading is observed, investigative / corrective action will be initiated within eight (8) hours to return the pressure drop to normal or identify the reason for the drop.
 - If the pressure drop exceeds 8" w.g. and other corrective action does not reduce the pressure drop below 8" w.g., new filter socks/cartridges will be installed at the next scheduled downtime, but not to exceed a two week period.

In addition to the weekly requirements identified above, emission points with HEPA filters installed shall check and document the HEPA filter static pressure drop:

- If the static pressure drop exceeds 3" w.g. and other corrective action does not reduce the static pressure drop below 3" w.g., a new HEPA filter shall be installed at the next scheduled downtime, but not to exceed a two week period.

Quarterly

- Check the cleaning sequence of the fabric filter.
 - Check the air delivery system for appropriate line pressure.
 - Check the operation, sequencing and pulse duration of the cleaning cycle.

If abnormal conditions are detected which would effect emissions to the atmosphere, the appropriate corrective measures will be initiated within eight (8) hours. Other identified issues will be scheduled for future repair.

Semiannual

- Inspect following components: housing, discharge equipment, and ducts and hoods exterior to the plant.

If leaks or abnormal conditions are which would effect emissions to the atmosphere are detected, the appropriate corrective measures will be initiated within eight (8) hours. Other identified issues will be scheduled for future repair.

Record Keeping and Reporting

- Maintain a written or electronic record of all inspections and any action resulting from the inspections.
- Maintenance and inspection records will be kept for five years and available upon request.

Quality Control

- The filter equipment will be operated and maintained according to typical food industry standards and/or as outlined in the above monitoring requirements.
- An adequate inventory of spare parts shall be kept.

Authority for Requirement: 567 IAC 22.108(3)

Agency Operations & Maintenance Plan Dynamic Separator – Dry Aerodyne Development Collectors

This operation and maintenance plan shall apply to the following emission points:
D06, D08, D09, D10, D11, D12, D13, D82

Monitoring Guidelines

The facility makes a commitment to take timely corrective action during periods of excursion where the indicators are out of range. A corrective action may include an investigation of the reason for the excursion, evaluation of the situation and necessary follow-up action to return operation within the indicator range. An excursion is determined by the averaged discrete data point over a period of time, or the presence of a monitored abnormal condition. An excursion does not necessarily indicate a violation of an applicable requirement.

If the corrective action measures fail to return the indicators to the appropriate range, the facility will report the excursion to the department and conduct source testing within 90 days of the excursion to demonstrate compliance with applicable requirements. If the test demonstrates compliance with emission limits then new indicator ranges must be set for monitoring and the new ranges must be incorporated in

the operating permit. If the test demonstrates noncompliance with emission limits, then the facility, within 60 days, proposes a schedule to implement corrective action to bring the source into compliance and demonstrate compliance.

Monitoring Methods & Corrective Actions

General

Periodic Monitoring is not required during periods of time greater than one week or longer in which the source does not operate. If the equipment operates at all during the week, monitoring must be performed for that week.

Weekly

- Check and document the pressure drop across the aerodyne. If the differential pressure falls outside the operating range of 4" – 8" w.c., corrective action will be initiated within eight (8) hours to return the differential pressure to the normal range.

Semi-Annually

- Check for leaks, material build-up, or wear in plenum nozzles, spinner, orifice plate, and hopper by means of inspection openings.

If abnormal conditions are identified which would effect emissions to the atmosphere are detected, the appropriate corrective measures will be initiated within eight (8) hours. Other identified issues will be scheduled for future repair.

Record Keeping and Reporting

- Maintain a written or electronic record of all inspections and any action resulting from the inspections.
- Maintenance and inspection records will be kept for five (5) years and will be available upon request.

Quality Control

- The collection equipment will be operated and maintained according to typical food industry standards and/or as outlined in the above monitoring requirements.

Authority for Requirement: 567 IAC 22.108(3)

Agency Operation & Maintenance Plan Dynamic Separator - Wet Rotoclone Wet Dust Collectors

This operations and maintenance plan shall apply to the following emission point: K79, K96

Monitoring Guidelines

The facility makes a commitment to take timely corrective action during periods of excursion where the indicators are out of range. A corrective action may include an investigation of the reason for the excursion, evaluation of the situation and necessary follow-up action to return operation within the indicator range. An excursion is determined by the averaged discrete data point over a period of time, or the presence of a monitored abnormal condition. An excursion does not necessarily indicate a violation of an applicable requirement. If the corrective action measures fail to return the indicators to the appropriate range, the facility will report the excursion to the department pursuant to LCCO 10.14 and 567 IAC 22.108(5)"b" and conduct source testing within 90 days of the excursion to demonstrate compliance with applicable requirements. If the test demonstrates compliance with emission limits then new indicator ranges must be set for monitoring and the new ranges must be incorporated in the operating permit. If the test demonstrates noncompliance with emission limits, then the facility, within 60 days, proposes a schedule to implement corrective action to bring the source into compliance and demonstrate compliance.

Monitoring Methods & Corrective Actions

General

- Periodic Monitoring is not required during periods of time greater than one week or longer in which the source does not operate. If the equipment operates at all during the week, monitoring will be performed for that week.

Weekly

- Visible emissions shall be observed on a weekly basis to ensure that no visible emissions occur during the material handling operation of EP K79 only. If visible emissions are observed, this would be an exceedance not a violation and corrective action will be initiated as soon as possible, but no later than 8 hours from the observation of visible emissions.
- If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required. If a Method 9 opacity greater than the Linn County PTO limit or >20%, if no limit in Linn County PTO, is observed, this would be a violation and corrective action will be initiated as soon as possible, but no later than eight hours from Method 9 observation. An excess emission report shall be filed pursuant to LCCO 10.14.
- If weather conditions prevent the observer from conducting a visible emissions observation, the observer shall note such conditions on the data observation sheet. If a reading is necessary to meet the required weekly monitoring, at least three attempts shall be made to retake observation at approximately 2 hour intervals throughout the day. If unsuccessful that day due to weather, an observation shall be made the next operating day when weather permits.
- Check and document the water flow rate to the Rotoclone using data from water meter. If the water flow rate falls below the minimum operating range as stated for the source below, corrective action will be initiated within eight (8) hours to return the flow rate to the normal range.
 - Minimum flow rate: K79 is 1.6 gpm
 - Minimum flow rate: K96 is 1.8 gpm
- Check and document the water pressure to the dust collector. If the pressure falls below the normal operating range, (40 psig), corrective action will be initiated within eight (8) hours to return the pressure drop to normal.
- Conduct a walk-around inspection of the entire system to search for leaks. If leaks in the system are detected, which could affect emissions, the appropriate measures for remediation will be initiated within eight (8) hours.

Quarterly

- Inspect the equipment drain(s) to ensure that they are flowing freely. Implement flushing/cleaning as necessary at the next scheduled downtime, but not to exceed a two week period.
- Inspect the impeller for accumulation of material or obstructions in impeller blade hooks. Implement cleaning as necessary at the next scheduled downtime, but not to exceed a two week period.
- Inspect water spray nozzles for correct flow, positioning, orientation, and spray pattern. Flush out water line strainer. Implement cleaning/adjustments as necessary at the next scheduled downtime, but not to exceed a two week period.
- Open inlet inspection door at inlet connection and remove any accumulated material at the border of the wet and dry sections.

Record Keeping

- Maintain a record of all inspections and any action resulting from the inspections.
- Maintenance and inspection records will be kept for five (5) years and made available upon request.

Quality Control

- The dust collector equipment will be operated and maintained according to the manufacturers specifications and/or as outlined in the above monitoring requirements.
- An adequate inventory of spare parts shall be kept.

Authority for Requirement: 567 IAC 22.108(3)

Agency Operations & Maintenance Plan Fiberglass Filter

This operations and maintenance plan shall apply to the following emission point: F01

Weekly

- Inspect the paint room for conditions that reduce the operating efficiency of the filtration system. This will include a visual inspection of the condition of the filter material.
- Maintain a written record of the observation and any action, including full filter changes, resulting from the inspection.

Record Keeping and Reporting

- Maintenance and inspection records will be kept for five years and available upon request.

Quality Control

- The filter equipment will be operated and maintained according to good air pollution control practice.

Authority for Requirement: 567 IAC 22.108(3)

Agency Operation & Maintenance Plan Emission Points with No Associated Control Equipment

This operations and maintenance plan shall apply to the following emission points:

A25, A26, A27, A28, A29, A30, A31, A32, A33, A34, A45, A46, A47, A48, A49, A50, A51, A52, A53, A54, A55, A56, A57, A58, A59, A60, A61, A62, A63, A64, A65, A66, A67, A68, B29, B30, D28, K03, K04, K05, K06, K07, K08, K10, K12, K13, K17, K18, K19, K20, K22, K23, K24, K25, K26, K27, K28, K29, K30, K32, K48, K49, K50, K51, K64, K68, K69, K70, K81, K82, K83, K84, K85, K86, K87, K88, K89, K90, K91, L01, S49, S50, L02, ICE51, ICE52, ICE53

The following emission points require monthly no visible emissions readings instead of weekly readings because they operate less than 870 hours during the year: A25, A26, A27, A28, A29, A30, A31, A32, A33, A34, A45, A46, A47, A48, A49, A50, A51, A52, A53, A54, A55, A56, A57, A58, A59, A60, A61, A62, A63, A64, A65, A66, A67, A68, S49, S50, ICE51, ICE52, ICE53.

Monitoring Guidelines

The facility makes a commitment to take timely corrective action during periods of excursion where the visual or mechanical indicators are out of range. A corrective action may include an investigation of the reason for the excursion, evaluation of the situation and necessary follow-up action to return operation within the indicator range. An excursion is determined by the averaged discrete data point over a period of time. An excursion does not necessarily indicate a violation of an applicable requirement.

If the corrective action measures fail to return the indicators to the appropriate range, the facility will report the exceedance to the department pursuant to LCCO 10.14 and 567 IAC 22.108(5)"b" and conduct source testing within 90 days of the excursion to demonstrate compliance with applicable requirements. If the test demonstrates compliance with emission limits then new indicator ranges may be set for monitoring and the agreed upon new ranges must be incorporated in the operating permit. If the test demonstrates noncompliance with emission limits, then the facility, within 60 days, proposes a schedule to implement corrective action to bring the source into compliance and demonstrate compliance.

General

- Periodic Monitoring is not required during periods of time greater than one week or longer in which the source does not operate. If the equipment operates at all during the week, monitoring will be performed for that week.

Weekly

- The facility shall check the opacity weekly to ensure that no visible emissions occur during the material handling operation of the unit and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. If visible emissions are observed, corrective action will be initiated as soon as possible, but no later than 8 hours from the observation of visible emissions.
- If corrective action does not return the observation to no visible emissions, then a Method 9 observation will be required. If a Method 9 opacity greater than the Linn County PTO limit or >20%, if no limit in Linn County PTO, is observed, this would be a violation and corrective action will be initiated as soon as possible, but no later than eight hours from Method 9 observation. An excess emission report shall be filed pursuant to LCCO 10.14.
- If weather conditions prevent the observer from conducting a visible emissions observation, the observer shall note such conditions on the data observation sheet. If a reading is necessary to meet the required weekly monitoring, at least three attempts shall be made to retake observation at approximately 2-hour intervals throughout the day. If unsuccessful that day due to weather, an observation shall be made the next operating day where weather permits.

Authority for Requirement: 567 IAC 22.108(3)

**Compliance Assurance Monitoring (CAM) Plan
Baghouse**

This CAM plan shall apply to the following emission points:

A01, A17, A18, A37, A38, A39, A41, A44, B04, B08, B25, D05, D14, D25, D42, D44, D45, D46, D54, D66, D72, D75, D77, D85, E27, H15

Monitoring Approach

The key elements of the monitoring approach are presented in Table A. The selected performance indicators are control device differential pressure and visible emissions.

Table A – Monitoring Approach

	Indicator #1	Indicator #2
I. Indicator	Differential pressure across the control device	Visible Emissions
Measurement Approach	Differential pressure measured across the control device by a magnehelic gauge.	Visible emissions from control device exhaust while the emission unit is operating.
II. Indicator Range	Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the control device is operating or readings over 8" w.g.	NVE with the exception of start-up, shutdown and cleaning. Visible emissions require corrective action, notification and record-keeping requirements.
III. Performance Criteria		
A. Data Representativeness	The differential pressure is measured across the control device.	Visible emissions observations are made at the emission point and on the external control

	Indicator #1	Indicator #2
		device, system ductwork and associated components.
B. Verification of Operational Status	Records of pressure drop readings will be maintained for five years.	Records of NVE readings will be maintained for five years.
C. QA/QC Practices and Criteria	Pressure gauges will be maintained per the manufacturer's specifications.	The observer will be trained by Quaker Manufacturing, LLC to detect visible emissions.
D. Monitoring Frequency	The pressure drop readings shall be conducted daily during a period when the emission unit on this emission point is in operation.	NVE observations are made at the emission point on a weekly basis when the emission unit on this emission point is in operation.
E. Data Collection Procedures	The pressure drop readings will be recorded on the respective departmental air monitoring log sheet.	The NVE observations will be recorded on the respective departmental air monitoring log sheet.

Authority for Requirement: 567 IAC 22.108(3)

Compliance Assurance Monitoring (CAM) Plan Baghouse with HEPA Filter

This CAM plan shall apply to the following emission points:
D29, D43, D47, D53

Monitoring Approach

The key elements of the monitoring approach are presented in Table A. The selected performance indicators are control device differential pressure and visible emissions.

Table A – Monitoring Approach

	Indicator #1	Indicator #2
I. Indicator	Differential pressure across the control device	Visible Emissions
Measurement Approach	Differential pressure measured across the control device by a magnehelic gauge.	This is not applicable since this is an internally vented source.
II. Indicator Range	Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the control device is operating or readings over 8" w.g. or readings over 3" w.g. on the HEPA filter system.	N/A
III. Performance Criteria		
A. Data Representativeness	The differential pressure is measured across the control device.	N/A
B. Verification of Operational Status	Records of pressure drop readings will be maintained for	N/A

	Indicator #1	Indicator #2
	five years.	
C. QA/QC Practices and Criteria	Pressure gauges will be maintained per the manufacturer's specifications.	N/A
D. Monitoring Frequency	The pressure drop readings shall be conducted daily during a period when the emission unit on this emission point is in operation.	N/A
E. Data Collection Procedures	The pressure drop readings will be recorded on the respective departmental air monitoring log sheet.	N/A

Authority for Requirement: 567 IAC 22.108(3)

Regulatory Authority

This facility is located in Linn County, Iowa. Linn County Public Health Department, under agreement with the Iowa Department of Natural Resources (DNR), is the primary regulatory agency in Linn County. This Title V permit is issued by the Iowa Department of Natural Resources, however, required contacts and information submittals referred to in this permit as required by "the Department" should continue to be directed to the Linn County Public Health office. This will include such items as stack test notification, stack test results submittal, oral and written excess emission reports, and reports and records required in the Linn County construction permits. Information specifically required by the Title V permit such as the annual EIQ and fees, annual compliance certification, semi-annual monitoring report and any Title V forms submitted for updates, modifications, renewals, etc. must be submitted to the Iowa DNR. Stack test notifications and test results for tests required as periodic monitoring in the Title V permit shall be submitted to Linn County Public Health. Stack test protocols and test results conducted as required by a PSD permit shall be submitted to the DNR and Linn County Public Health Air Quality Division.

Authority for Requirement: 567 IAC 22.108

III. Emission Point-Specific Conditions

Facility Name: Quaker Manufacturing, LLC
 Permit Number: 03-TV-022R2

Emission Point ID Number: A01, A07, A13, A17, A18, A21

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
A01	A01	Elevator D Grain Handling System	Corn, Barley, Wheat, Groats	250 tph	CEA01	Fabric Filter Low Temperature, T<180°F
A07	A07	Elevator A Hull Transfer System	Oat Hulls	20 tph	CEA07	Fabric Filter Low Temperature, T<180°F
A13	A13	Elevator G Transfer/Conveying System A	Oats, Corn, Wheat, Barley	360 tph	CEA13	Fabric Filter Low Temperature, T<180°F
A17	A17	Elevator G Grain Unloading System A	Oats, Corn, Wheat, Barley	360 tph	CEA17	Fabric Filter Low Temperature, T<180°F
A18	A18	Elevator G Grain Unloading System B & Loadout System	Oats, Corn, Wheat, Barley	360 tph	CEA18	Fabric Filter Low Temperature, T<180°F
A21	A21	Bridges Transfer/Conveying System A	Oats, Corn, Wheat, Barley	410 tph	CEA21	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
A01	PM/PM ₁₀	0.63 lb/hr	LCPH ATI 5476 / PTO 5241
A07	PM/PM ₁₀	0.19 lb/hr	LCPH ATI 5477 / PTO 5242
A13	PM/PM ₁₀	0.53 lb/hr	LCPH ATI 6708 / PTO 6487
A17	PM/PM ₁₀	0.75 lb/hr	LCPH ATI 5552 / PTO 5430
A18	PM/PM ₁₀	1.01 lb/hr	LCPH ATI 5553 / PTO 5431
A21	PM/PM ₁₀	0.82 lb/hr	LCPH ATI 5554 / PTO 5432
A01, A07, A13, A17, A18, A21	PM	0.1 gr/dscf	LCPH ATI 5476 / PTO 5241 LCPH ATI 5477 / PTO 5242 LCPH ATI 6708 / PTO 6487 LCPH ATI 5552 / PTO 5430 LCPH ATI 5553 / PTO 5431 LCPH ATI 5554 / PTO 5432 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5476 / PTO 5241 LCPH ATI 5477 / PTO 5242 LCPH ATI 6708 / PTO 6487 LCPH ATI 5552 / PTO 5430 LCPH ATI 5553 / PTO 5431 LCPH ATI 5554 / PTO 5432 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5476 / PTO 5241; LCPH ATI 5477 / PTO 5242
LCPH ATI 6708 / PTO 6487; LCPH ATI 5552 / PTO 5430
LCPH ATI 5553 / PTO 5431; LCPH ATI 5554 / PTO 5432

Operating Limits (EP's A01, A07)

A. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

B. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5476 / PTO 5241
LCPH ATI 5477 / PTO 5242

Operating Limits (EP's A13, A17, A18, A21)

A. The installation of emission units intending to emit through EP-A13 (EP-A17, EP-A18, EP-A2) that is not otherwise identified in the application for ATI 6708 (ATI 5552, ATI 553, ATI 5554) and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6708 / PTO 6487; LCPH ATI 5552 / PTO 5430
LCPH ATI 5553 / PTO 5431; LCPH ATI 5554 / PTO 5432

Operating Condition Monitoring & Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.

B. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

C. The owner or operator shall maintain a record of all maintenance completed on the control device.

Authority for Requirement: LCPH ATI 5476 / PTO 5241; LCPH ATI 5477 / PTO 5242
LCPH ATI 6708 / PTO 6487; LCPH ATI 5552 / PTO 5430
LCPH ATI 5553 / PTO 5431; LCPH ATI 5554 / PTO 5432

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
A01	5476 / 5241	139	V	33 x 36	81	25926
A07	5477 / 5242	185	V	13.75	108.7	7200
A13	6708 / 6487	145	V	17 x 25	72	12422
A17	5552 / 5430	128	V	44	83	17441
A18	5553 / 5431	122	V	36	70	23559
A21	5554 / 5432	138	V	36	Ambient	19029

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required?⁽¹⁾ Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

⁽¹⁾CAM plan is required for EP's A01, A17, and A18 only.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-A01 Baghouse**

I. Background

A. Emissions Unit

Description: Elevator D Grain Handling System
 Identification: EU A01
 Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5241
 Particulate emission limit: PM: 0.63 lb/hr, 0.1 gr/dscf
 PM₁₀: 0.63 lb/hr
 Opacity emission limit: 20%
 Current Monitoring requirements: weekly differential pressure readings
 Weekly opacity (NVE) checks

C. Control Technology

Baghouse (MAC 120 MCF 255)

Compliance Assurance Monitoring Plan CAM Plan for EP-A17 Baghouse

I. Background

A. Emissions Unit

Description: Elevator G Grain Unloading & Transfer System A
Identification: EU A17
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5430
Particulate emission limit: PM: 0.75 lb/hr, 0.1 gr/dscf
PM₁₀: 0.75 lb/hr
Opacity emission limit: 20%
Current Monitoring requirements: weekly differential pressure readings
weekly opacity (NVE) checks

C. Control Technology

Baghouse (MAC 144 MCF 255)

Compliance Assurance Monitoring Plan CAM Plan for EP-A18 Baghouse

I. Background

A. Emissions Unit

Description: Elevator G Grain Unloading & Transfer System B
Identification: EU A18
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5431
Particulate emission limit: PM: 1.01 lb/hr, 0.1 gr/dscf
PM₁₀: 1.01 lb/hr
Opacity emission limit: 20%
Current Monitoring requirements: weekly differential pressure readings
weekly opacity (NVE) checks

C. Control Technology

Baghouse

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: A25, A26, A27, A28, A29, A30, A31, A32, A33, A34

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
A25	A25	Aeration Bin 124	Grain	15 tph	-	-
A26	A26	Aeration Bin 126	Grain	15 tph	-	-
A27	A27	Aeration Bin 128	Grain	15 tph	-	-
A28	A28	Aeration Bin 130	Grain	15 tph	-	-
A29	A29	Aeration Bin 132	Grain	15 tph	-	-
A30	A30	Aeration Bin 134	Grain	15 tph	-	-
A31	A31	Aeration Bin 158	Grain	15 tph	-	-
A32	A32	Aeration Bin 160	Grain	15 tph	-	-
A33	A33	Aeration Bin 162	Grain	15 tph	-	-
A34	A34	Aeration Bin 164	Grain	15 tph	-	-

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

General Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
A25, A26, A27, A28, A29, A30, A31, A32, A33, A34	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCO 10.7

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: A37, A38, A39

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
A37	A37	Elevator G Grain Cleaning & Elevator Legs	Oats, Corn, Wheat, Barley	360 tph	CEA37	Fabric Filter Low Temperature, T<180°F
A38	A38	Elevator G Bintop Grain Handling System A	Oats, Corn, Wheat, Barley	360 tph	CEA38	Fabric Filter Low Temperature, T<180°F
A39	A39	Elevator E/F Grain Handling System	Oats	250 tph	CEA39	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
A37	PM/PM ₁₀	0.64 lb/hr	LCPH ATI 6273 / PTO 6045
A38	PM/PM ₁₀	1.48 lb/hr	LCPH ATI 5556 / PTO 5434
A39	PM/PM ₁₀	1.61 lb/hr	LCPH ATI 5557 / PTO 5435

General Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
A37, A38, A39	PM	0.1 gr/dscf	ATI 6273 / PTO 6045 ATI 5556 / PTO 5434 ATI 5557 / PTO 5435 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	ATI 6273 / PTO 6045 ATI 5556 / PTO 5434 ATI 5557 / PTO 5435 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be installed (used) to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6273 / PTO 6045; LCPH ATI 5556 / PTO 5434
LCPH ATI 5557 / PTO 5435

Operating Limits

A. The installation of emission units intending to emit through EP-A37 (EP-A38) that is not otherwise identified in the application for ATI 6273 (ATI 5556) and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install. **(EP A37 and EPA38 only)**

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6273 / PTO 6045; LCPH ATI 5556 / PTO 5434
LCPH ATI 5557 / PTO 5435

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
- B. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.
- C. The owner or operator shall maintain a record of all maintenance completed on the control device.

Authority for Requirement: LCPH ATI 6273 / PTO 6045; LCPH ATI 5556 / PTO 5434
LCPH ATI 5557 / PTO 5435

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
A37	6273 / 6045	154	V	18	76	15000
A38	5556 / 5434	154	V	39 x 27	70	34425
A39	5557 / 5435	139	V	40 x 40	88	37511

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required?⁽¹⁾ Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

⁽¹⁾ CAM plan is required for EP's A37, A38 and A39.

Compliance Assurance Monitoring Plan CAM Plan for EP-A37 Baghouse

I. Background

A. Emissions Unit

Description: Elevator G Grain Cleanings & Elevator Legs
Identification: EU A37
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 6045
Particulate emission limit: PM: 0.64 lb/hr, 0.1 gr/dscf
PM₁₀: 0.64 lb/hr
Opacity emission limit: 20%
Current Monitoring requirements: weekly differential pressure readings
weekly opacity (NVE) checks

C. Control Technology Baghouse

Compliance Assurance Monitoring Plan CAM Plan for EP-A38 Baghouse

I. Background

A. Emissions Unit

Description: Elevator G Bin Top Grain Handling System A
Identification: EU A38
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5434
Particulate emission limit: PM: 1.48 lb/hr, 0.1 gr/dscf
PM₁₀: 1.48 lb/hr
Opacity emission limit: 20%
Current Monitoring requirements: weekly differential pressure readings
weekly opacity (NVE) checks

C. Control Technology Baghouse (Quaker Oats RJ72)

Compliance Assurance Monitoring Plan CAM Plan for EP-A39 Baghouse

I. Background

A. Emissions Unit

Description: Elevator E/F Grain Handling System
Identification: EU A39
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5435
Particulate emission limit: PM: 1.61 lb/hr, 0.1 gr/dscf
PM₁₀: 1.61 lb/hr
Opacity emission limit: 20%
Current Monitoring requirements: weekly differential pressure readings
weekly opacity (NVE) checks

C. Control Technology

Baghouse (Quaker Oats 144RJ96)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: A40**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
A40	A40	Screenings Storage Bin, CH#1	Grain Byproducts	7 tph	CEA40A	Fabric Filter Low Temperature, T<180°F
					CE40B	HEPA Filter

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
A40	PM/PM ₁₀	0.01 lb/hr	LCPH ATI 5786 / PTO 5493
	PM	0.1 gr/dscf	ATI 5786 / PTO 5493 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	ATI 5786 / PTO 5493 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5786 / PTO 5493

Operating Limits

A. The installation of emission units intending to emit through EP-A40 that is not otherwise identified in the application for ATI 5786 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the High-Capacity HEPA Filter:

- Readings over 3" w.g.

D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5786 / PTO 5493

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control devices (CE A40A and CE A40B) on a weekly basis.

B. Record all maintenance and repair work completed on the control devices (CE A40A and CE A40B).

Authority for Requirement: LCPH ATI 5786 / PTO 5493

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
A40	5786 / 5493	NA	I	NA	NA	2841

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: A41**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
A41	A41	Elevator G Basement Grain Handling System A	Oats, Corn, Wheat, Barley	410 tph	CEA41	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
A41	PM/PM ₁₀	1.60 lb/hr	LCPH ATI 5558 / PTO 5436
	PM	0.1 gr/dscf	LCPH ATI 5558 / PTO 5436 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5558 / PTO 5436 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5558 / PTO 5436

Operating Limits

- A. The installation of emission units intending to emit through EP-A41 that is not otherwise identified in the application for ATI 5558 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5558 / PTO 5436

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.

- B. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.
- C. The owner or operator shall maintain a record of all maintenance completed on the control device.
 Authority for Requirement: LCPH ATI 5558 / PTO 5436

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
A41	5558 / 5436	125	V	42	68	37400

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-A41 Baghouse**

I. Background

A. Emissions Unit

Description: Elevator G Basement Grain Handling System A
 Identification: EU A41
 Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5436
 Particulate emission limit: PM: 1.60 lb/hr, 0.1 gr/dscf
 PM₁₀: 1.60 lb/hr
 Opacity emission limit: 20%
 Current Monitoring requirements: weekly differential pressure readings
 weekly opacity (NVE) checks

C. Control Technology

Baghouse (MAC 120 MCF361)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: A42, A43

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
A42	A42	Elevator A Bintop Grain Handling System B	Oats	360 tph	CEA42A	Fabric Filter Low Temperature, T<180°F
					CE432B	HEPA Filter
A43	A43	Elevator A Basement Grain Handling System A	Oats	360 tph	CEA43A	Fabric Filter Low Temperature, T<180°F
					CE43B	HEPA Filter

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
A42	PM/PM ₁₀	0.01 lb/hr	LCPH ATI 5831 / PTO 5568
A43	PM/PM ₁₀	0.01 lb/hr	LCPH ATI 5832 / PTO 5569

General Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
A42, A43	PM	0.1 gr/dscf	LCPH ATI 5831 / PTO 5568 LCPH ATI 5832 / PTO 5569 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 5831 / PTO 5568 LCPH ATI 5832 / PTO 5569 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector and HEPA filter shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5831 / PTO 5568; LCPH ATI 5832 / PTO 5569

Operating Limits

A. The installation of emission units intending to emit through EP-A42 (EP-A43) that is not otherwise identified in the application for ATI 5831 (ATI 5832) and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the High-Capacity HEPA Filter:

- Readings over 3" w.g.

D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5831 / PTO 5568; LCPH ATI 5832 / PTO 5569

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control devices (CE A42A and CE A42B) (CE43A and CE43B) on a weekly basis.

B. Record all maintenance and repair work completed on the control devices (CE A42A and CE A42B) (CE43A and CE43B).

Authority for Requirement: LCPH ATI 5831 / PTO 5568; LCPH ATI 5832 / PTO 5569

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
A42	5831 / 5568	NA	I	NA	NA	9792
A43	5832 / 5569	NA	I	NA	NA	10849

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: A44**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
A44	A44	Elevator G Basement Grain Handling System B	Oats, Corn, Wheat, Barley	410 tph	CEA44	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
A44	PM/PM ₁₀	0.76 lb/hr	LCPH ATI 5559 / PTO 5437
	PM	0.1 gr/dscf	LCPH ATI 5559 / PTO 5437 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5559 / PTO 5437 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5559 / PTO 5437

Operating Limits

- A. The installation of emission units intending to emit through EP-A44 that is not otherwise identified in the application for ATI 5559 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5559 / PTO 5437

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
 - B. The owner or operator shall monitor and record ‘no visible emissions’ observations on a weekly basis. An exceedance of ‘no visible emissions’ will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.
 - C. The owner or operator shall maintain a record of all maintenance completed on the control device.
- Authority for Requirement: LCPH ATI 5559 / PTO 5437

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
A44	5559 / 5437	126	V	30	75	17792

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-A44 Baghouse**

I. Background

A. Emissions Unit

Description: Elevator G Basement Grain Handling System B
 Identification: EU A44
 Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5437
 Particulate emission limit: PM: 0.76 lb/hr, 0.1 gr/dscf
 PM₁₀: 0.76 lb/hr
 Opacity emission limit: 20%
 Current Monitoring requirements: weekly differential pressure readings
 weekly opacity (NVE) checks

C. Control Technology
 Baghouse (120 MW116 116)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: A45, A46, A47, A48, A49, A50, A51, A52, A53, A54, A55, A56, A57, A58, A59, A60, A61, A62, A63, A64, A65, A66, A67, A68

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
A45	A45	Aeration Bin #58	Corn, Oats, Barley, Wheat	15 tph	-	-
A46	A46	Aeration Bin #60		15 tph	-	-
A47	A47	Aeration Bin #62		15 tph	-	-
A48	A48	Aeration Bin #64		15 tph	-	-
A49	A49	Aeration Bin #66		15 tph	-	-
A50	A50	Aeration Bin #68		15 tph	-	-
A51	A51	Aeration Bin #78		15 tph	-	-
A52	A52	Aeration Bin #80		15 tph	-	-
A53	A53	Aeration Bin #82		15 tph	-	-
A54	A54	Aeration Bin #84		15 tph	-	-
A55	A55	Aeration Bin #86		15 tph	-	-
A56	A56	Aeration Bin #88		15 tph	-	-
A57	A57	Aeration Bin #90		15 tph	-	-
A58	A58	Aeration Bin #92		15 tph	-	-
A59	A59	Aeration Bin #102		15 tph	-	-
A60	A60	Aeration Bin #104		15 tph	-	-
A61	A61	Aeration Bin #106		15 tph	-	-
A62	A62	Aeration Bin #108		15 tph	-	-
A63	A63	Aeration Bin #110		15 tph	-	-
A64	A64	Aeration Bin #112		15 tph	-	-
A65	A65	Aeration Bin #114	15 tph	-	-	
A66	A66	Aeration Bin #116	15 tph	-	-	
A67	A67	Aeration Bin #136	15 tph	-	-	
A68	A68	Aeration Bin #138	15 tph	-	-	

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
A45, A46, A47, A48, A49, A50, A51, A52, A53, A54, A55, A56, A57, A58, A59, A60, A61, A62, A63, A64, A65, A66, A67, A68	Opacity	20%	LCPH ATI 2525 / PTO 2544 LCPH ATI 2524 / PTO 2543 LCPH ATI 2523 / PTO 2542 LCPH ATI 2522 / PTO 2541 LCPH ATI 2520 / PTO 2550 LCPH ATI 2519 / PTO 2539 LCPH ATI 2518 / PTO 2538 LCPH ATI 2517 / PTO 2537 LCPH ATI 2516 / PTO 2536 LCPH ATI 2514 / PTO 2534 LCPH ATI 2513 / PTO 2533 LCPH ATI 2512 / PTO 2527
	PM ₁₀	0.05 gr/dscf, 2.66 lb/hr, 11.49 tpy*	

	PM	0.1 gr/dscf, 5.32 lb/hr, 22.98 tpy*	LCPH ATI 2511 / PTO 2548 LCPH ATI 2510 / PTO 2532 LCPH ATI 2509 / PTO 2531 LCPH ATI 2508 / PTO 2530 LCPH ATI 2507 / PTO 2529 LCPH ATI 2506 / PTO 2528 LCPH ATI 2505 / PTO 2549 LCPH ATI 2504 / PTO 2545 LCPH ATI 2503 / PTO 2547 LCPH ATI 2502 / PTO 2546
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"

*Note: The tpy total is the combined total of all 24 stacks (A45-A68) operating a combined 8640 hours per 12-month rolling total period based on an accepted 6204 scfm exhaust airflow rate. The 6204 scfm airflow rate is an agreed upon exhaust airflow rate between IDNR, LCPH, and Quaker Oats Co. based on the average airflow rate of three previously tested bins.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operational Limits & Requirements

EP	Operating Limits	Authority for Requirement
A45, A46, A47,	Hours of operation: 360 hours per year maximum average operating hours for all 24 stacks (A45-A68). The combined operating hours for all 24 bins shall not exceed 8640 hours per 12-month rolling total.	LCPH ATI 2525 / PTO 2544 LCPH ATI 2524 / PTO 2543
A48, A49, A50, A51, A52, A53,	<p align="center">Compliance Monitoring</p> <p align="center">The following information shall be monitored:</p> <ul style="list-style-type: none"> Hours of operation (calculated on a 4-quarter rolling sum) from a non-resettable hour meter <p align="center">All monitors shall be easily accessible to air pollution personnel.</p>	LCPH ATI 2523 / PTO 2542 LCPH ATI 2522 / PTO 2541 LCPH ATI 2520 / PTO 2550 LCPH ATI 2519 / PTO 2539 LCPH ATI 2518 / PTO 2538
A54, A55, A56, A57, A58, A59, A60, A61,	<p align="center">Recordkeeping Requirements</p> <p>A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five (5) years.</p> <ul style="list-style-type: none"> Hours of operation (calculated on a 4-quarter rolling sum) <p>These records shall be available on site for viewing by air pollution control personnel.</p>	LCPH ATI 2517 / PTO 2537 LCPH ATI 2516 / PTO 2536 LCPH ATI 2514 / PTO 2534 LCPH ATI 2513 / PTO 2533 LCPH ATI 2512 / PTO 2527
A62, A63, A64, A65, A66, A67, A68	<p align="center">Reporting</p> <p>The following information shall be submitted to the Linn County Public Health Department by the 15th of each month for the previous quarter (January 15, April 15, July 15, and October 15). Hours of operation (calculated on a 4-quarter rolling sum). The combined operating hours for all 24 bins shall not exceed 8640 hours per 12-month rolling total.</p>	LCPH ATI 2511 / PTO 2548 LCPH ATI 2510 / PTO 2532 LCPH ATI 2509 / PTO 2531 LCPH ATI 2508 / PTO 2530 LCPH ATI 2507 / PTO 2529 LCPH ATI 2506 / PTO 2528 LCPH ATI 2505 / PTO 2549 LCPH ATI 2504 / PTO 2545 LCPH ATI 2503 / PTO 2547 LCPH ATI 2502 / PTO 2546

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No
Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: A71, A72

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
A71	A71	Elevator A Bintop Grain Handling System A	Oats	410 tph	CEA71	Fabric Filter Low Temperature, T<180°F
A72	A72	Elevator C Bintop & Bridge System B	Oats	410 tph	CEA72	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
A71	PM/PM ₁₀	0.39 lb/hr	LCPH ATI 5478 / PTO 5243
A72	PM/PM ₁₀	0.39 lb/hr	LCPH ATI 5685 / PTO 5373
A71, A72	PM	0.1 gr/dscf	LCPH ATI 5478 / PTO 5243 LCPH ATI 5685 / PTO 5373 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5478 / PTO 5243 LCPH ATI 5685 / PTO 5373 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be used (installed) to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors, and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained, and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5478 / PTO 5243; LCPH ATI 5685 / PTO 5373

Operating Limits

- A. The installation of emission units intending to emit through EP-A71 (EP-A72) that is not otherwise identified in the application for ATI 5478 (ATI 5685) and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5478 / PTO 5243; LCPH ATI 5685 / PTO 5373

Operation Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
 - B. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.
 - C. The owner or operator shall maintain a record of all maintenance completed on the control device.
- Authority for Requirement: LCPH ATI 5478 / PTO 5243; LCPH ATI 5685 / PTO 5373

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
A71	5478 / 5243	129	V	30	88.1	14714
A72	5685 / 5373	128	V	30	80	9154

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B04**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B04	B04	Corn Mills Cleaning House Process	Corn	26 tph	CEB04	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B04	PM/PM ₁₀	0.02 gr/dscf, 2.67 lb/hr, 11.691 tpy	LCPH ATI 3705 / PTO 3716
	Opacity	10%	
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 3705 / PTO 3716

Operating Limits

Airflow to the baghouse shall be limited to 15,572 dscfm. Any increase in airflow would be considered a major modification and would necessitate a new authorization to install permit.

Authority for Requirement: LCPH ATI 3705 / PTO 3716

Compliance Monitoring

The following information shall be monitored:

- Weekly pressure drop readings

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 3705 / PTO 3716

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly pressure drop readings
- Record of all maintenance and repair for baghouse

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 3705 / PTO 3716

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-B04 Baghouse**

I. Background

A. Emissions Unit

Description: Corn Mill Cleaning House System
Identification: EU B04
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 3716
Particulate emission limit: PM: 2.67 lb/hr, 0.1 gr/dscf
PM₁₀: 2.67 lb/hr
Opacity emission limit: 20%
Current Monitoring requirements: weekly differential pressure readings
weekly opacity (NVE) checks

C. Control Technology

Baghouse (KICE M120-10)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B07**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B07	B07	#3 PMC Trim Cutter	Paper	40 ton/yr	CEB07	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B07	PM/PM ₁₀	0.08 lb/hr	LCPH ATI 6227 / PTO 6001
	PM	0.1 gr/dscf	LCPH ATI 6227 / PTO 6001 567 IAC 23.3(2)(a)"1" LCO 10.9(1)"a"
	Opacity	No VE	LCPH ATI 6227 / PTO 6001 LCCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A cartridge filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6227 / PTO 6001

Operating Limits

- A. The installation of emission units intending to emit through EP-DB07 that is not otherwise identified in the application for ATI 6227 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6227 / PTO 6001

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control device on a weekly basis.
- B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 6227 / PTO 6001

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B07	6227 / 6001	NA	I	NA	NA	1850

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B08**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B08	B08	Corn Milling Process A, Mill A	Processed Corn	11 tph	CEB08	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B08	PM/PM ₁₀	0.015 gr/dscf, 4.31 lb/hr	LCPH ATI 4361 / PTO 4385
	PM	0.1 gr/dscf	LCPH ATI 4361 / PTO 4385 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 4361 / PTO 4385 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4361 / PTO 4385

Operating Limits

- A. The installation of emission units intending to emit through EP-B08 that is not otherwise identified in the application for ATI 4361 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.
- D. Operation of this unit shall not exceed 7,400 hours calculated on a 12-month rolling basis.

Authority for Requirement: LCPH ATI 4361 / PTO 4385

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.

- B. The owner or operator shall record all maintenance and repair work completed on the control device.
 - C. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the findings and corrective action taken.
 - D. The owner or operator shall monitor and record the hours of operation on a monthly and 12-month rolling basis.
- , determine the annual hours of operation on a rolling 4-quarter basis for each quarter of operation.
 Authority for Requirement: LCPH ATI 4361 / PTO 4385

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B08	4361 / 4385	157	V	44	92	32036

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-B08 Baghouse**

I. Background

A. Emissions Unit

Description: Corn Milling Process A, Mill A
 Identification: EU B08
 Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 4385
 Particulate emission limit: PM: 4.12 lb/hr, 0.1 gr/dscf
 PM₁₀: 4.12 lb/hr
 Opacity emission limit: 20%
 Current Monitoring requirements: weekly differential pressure readings
 weekly opacity (NVE) checks

C. Control Technology

Baghouse (MAC 120AV341)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B09**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B09	B09	General Dust Collection Railcar Loading System	Process Corn, Groats	35 tph	CEB09	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B09	PM/PM ₁₀	0.02 gr/dscf, 1.76 lb/hr, 6.51 tpy	LCPH ATI 4106 / PTO 4262
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 4106 / PTO 4262 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits

Maximum equipment design rate: 70,000 lb/hr

Maximum exhaust airflow rate: 10,293 scfm

Maximum hours of operation: 7400 hr/yr (based on a 4-quarter rolling sum)

Authority for Requirement: LCPH ATI 4106 / PTO 4262

Control Device

A baghouse dust collector shall be used to control particulate emissions. The control device shall be operated at all times when any equipment controlled by the control device is operating. The control device shall be maintained on this source in a good operating condition at all times.

All appropriate probes and gauges needed to measure the parameters outlined in "Monitoring Requirements" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 4106 / PTO 4262

Monitoring Requirements

The following shall be monitored:

- Pressure drop reading across dust collector
- Hours of operation, not to exceed 7400 hours based on a 12-month rolling sum

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 4106 / PTO 4262

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five (5) years.

- Any changes in operation that would affect emissions, including changes in fan speed.
- All maintenance completed on the control device
- Weekly pressure drop reading for dust control unit.
- Hours of operation calculated on a 4-quarter rolling sum

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 4106 / PTO 4262

Reporting

The following information must be submitted to the Linn County Public Health Department by the 15th of each month for the previous quarter (January 15, April 15, July 15, and October 15).

- Hours of operation based on a rolling four (4) quarter basis.

Authority for Requirement: LCPH ATI 4106 / PTO 4262

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required?

Yes No

Compliance Assurance Monitoring (CAM) Plan Required?

Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B10**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B10	B10A	Corn Milling Process C, Mill A	Processed Corn	11 tph	CEB10	Fabric Filter Low Temperature, T<180°F
	B10B	Snack Grits		5 tph		

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B10	PM/PM ₁₀	0.84 lb/hr	LCPH ATI 5966 / PTO 5643
	PM	0.1 gr/dscf	LCPH ATI 5966 / PTO 5643 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5966 / PTO 5643 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5966 / PTO 5643

Operating Limits

The owner or operator of this equipment shall comply with the operational limits and requirements listed below:

- A. Operation of this unit shall not exceed 7,400 hours calculated on a 12-month rolling basis.
- B. The installation of emission units intending to emit through EP-B10 that is not otherwise identified in the application for ATI 5966 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- C. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5966 / PTO 5643

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the hours of operation on a monthly and 12-month rolling basis.
 - B. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
 - C. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.
 - D. The owner or operator shall record all maintenance and repair work completed on the control device.
- Authority for Requirement: LCPH ATI 5966 / PTO 5643

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B10	5966 / 5643	157	V	50	84	32638

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B11**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B11	B11	Snack Grits Gravity Table	Oats	2.5 tph	CEB10	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B11	PM/PM ₁₀	0.004 gr/dscf, 0.20 lb/hr	LCPH ATI 5707 / PTO 5464
	PM	0.1 gr/dscf	LCPH ATI 5707 / PTO 5464 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 5707 / PTO 5464

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A cartridge filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5707 / PTO 5464

Operating Limits

A. Operation of this unit shall not exceed 7,400 hours calculated on a 4-quarter rolling basis.

B. The installation of emission units intending to emit through EP-B11 that is not otherwise identified in the application for ATI 5707 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

C. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5707 / PTO 5464

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1) Monitor and record the hours of operation on a quarterly and 4-quarter rolling basis.
- 2) Monitor and record the differential pressure across the control device on a weekly basis.
- 3) Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5707 / PTO 5464

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B11	5707 / 5464	NA	I	NA	NA	5878

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B22

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B22	B22	Bran Grinder System, Corn Mill	Processed Corn	2 tph	CEB22	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

General Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B22	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCO 10.7

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required?

Yes No

Compliance Assurance Monitoring (CAM) Plan Required?

Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B24**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B24	B24	Corn Mill Fine Grinder	Processed Corn	2 tph	CEB24	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B24	PM ₁₀	0.02 gr/dscf, 0.53 lb/hr, 2.32 tpy	LCPH ATI 2643 / PTO 3019
	Opacity	10%	
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits

Airflow to the baghouse shall be limited to 3075 dscfm. Any increase in airflow would be considered a major modification and would necessitate a new authorization to install permit.

Authority for Requirement: LCPH ATI 2643 / PTO 3019

Control Device

A baghouse shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outline in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 2643 / PTO 3019

Compliance Monitoring

The following information shall be monitored:

- Weekly pressure drop readings

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 2643 / PTO 3019

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly pressure drop readings
- Records of all maintenance and repair completed on the control device

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 2643 / PTO 3019

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No
Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B25, B26**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B25	B25	Corn Milling Process A&B, Mill B	Processed Corn	15 tph	CEB25	Fabric Filter Low Temperature, T<180°F
B26	B26	Corn Mill A Grit & Germ Separation	Processed Corn	15 tph	CEB26	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B25	PM/PM ₁₀	0.76 lb/hr	LCPH ATI 5787 / PTO 5491
B26	PM/PM ₁₀	0.86 lb/hr	LCPH ATI 5788 / PTO 5492
B25, B26	PM	0.1 gr/dscf	LCPH ATI 5787 / PTO 5491 LCPH ATI 5788 / PTO 5492 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5787 / PTO 5491 LCPH ATI 5788 / PTO 5492 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse (fabric filter) dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5787 / PTO 5491; LCPH ATI 5788 / PTO 5492

Operating Limits

- A. The installation of emission units intending to emit through EP-B25 (EP-B26) that is not otherwise identified in the application for ATI 5787 (ATI 5788) and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5787 / PTO 5491; LCPH ATI 5788 / PTO 5492

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
- B. The owner or operator shall record all maintenance and repair work completed on the control device.
- C. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the findings and corrective action taken.

Authority for Requirement: LCPH ATI 5787 / PTO 5491; LCPH ATI 5788 / PTO 5492

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B25	5787 / 5491	135	V	35 x 26	82	17778
B26	5788 / 5492	138	V	40 x 30	82	20000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required?⁽¹⁾ Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

⁽¹⁾CAM plan is required for EP's B25 only.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-B25 Baghouse**

I. Background

A. Emissions Unit

Description: Corn Milling Process A&B, Mill A
 Identification: EU B25
 Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5491
 Particulate emission limit: PM: 0.76 lb/hr, 0.1 gr/dscf
 PM₁₀: 0.76 lb/hr
 Opacity emission limit: 20%
 Current Monitoring requirements: weekly differential pressure readings
 weekly opacity (NVE) checks

C. Control Technology

Baghouse (MAC 120MCF255)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B27**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B27	B27	Corn Mill A Flour Grinder I	Processed Corn	3.75 tph	CEB27	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B27	PM/PM ₁₀	0.0053 gr/dscf, 0.22 lb/hr, 0.96 tpy	LCPH ATI 4108 / PTO 4111
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 4108 / PTO 4111 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A dust collector shall be used to control particulate emissions. The control device shall be operated at all times when any equipment controlled by the control device is operating. The control device shall be maintained on this source in a good operating condition at all times.

All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring Requirements" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 4108 / PTO 4111

Operating Limits

Grits Processing Line Maximum Process Rate (Output): 5850 lb/hr(wet basis)

Maximum exhaust airflow rate: 4,865 scfm

Authority for Requirement: LCPH ATI 4108 / PTO 4111

Compliance Testing & Monitoring Requirements

The following information shall be monitored:

- Pressure drop reading across dust collector

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 4108 / PTO 4111

Record keeping Requirements

A logbook of operation shall be maintained on this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Copies of test results shall be retained until a new approved representative test is conducted or for five years, whichever is longer.
- Any changes in operation that would affect emissions, including changes in fan speed.
- Weekly pressure drop reading for dust collector unit.

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 4108 / PTO 4111

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B28**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B28	B28	Corn Mill A Flour Grinder II	Processed Corn	3.75 tph	B28	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B28	PM/PM ₁₀	0.0053 gr/dscf, 0.22 lb/hr, 0.96 tpy	LCPH ATI 4109 / PTO 4112
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 4109 / PTO 4112 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A dust collector shall be used to control particulate emissions. The control device shall be operated at all times when any equipment controlled by the control device is operating. The control device shall be maintained on this source in a good operating condition at all times.

All appropriate probes and gauges needed to measure the parameters outlined in "Monitoring Requirements" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 4109 / PTO 4112

Operating Limits

Grits Processing Line Maximum Process Rate (Output): 5850 lb/hr (wet basis)

Maximum exhaust airflow rate: 4,865 scfm

Authority for Requirement: LCPH ATI 4109 / PTO 4112

Monitoring Requirement

The following information shall be monitored:

- Pressure drop reading across dust collector.

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 4109 / PTO 4112

Record keeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Copies of test results shall be retained until a new approved representative test is conducted or for five years, whichever is longer.
- Any changes in operation that would affect emissions, including changes in fan speed.
- Weekly pressure drop reading for dust collector unit.

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 4109 / PTO 4112

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B29, B30

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B29	B29	Grits Drum Dryers Exhaust #1-4	Processed Corn Products & Flavorings	1.5 tph	-	-
B30	B30	Grits Drum Dryers Exhaust #5-8		1.5 tph	-	-

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B29	PM	0.007 gr/dscf, 1.37 lb/hr, 6.0 tpy	LCPH ATI 4110 / PTO 4337
	PM ₁₀	0.004 gr/dscf, 0.78 lb/hr, 3.43 tpy	
B30	PM	0.007 gr/dscf, 2.09 lb/hr, 9.15 tpy	LCPH ATI 4111 / PTO 4338
	PM ₁₀	0.004 gr/dscf, 1.19 lb/hr, 5.23 tpy	
B29, B30	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 4110 / PTO 4337 LCPH ATI 4111 / PTO 4338 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits

Maximum exhaust airflow rate: 22,808 scfm (B29)

Maximum exhaust airflow rate: 34,843 scfm (B30)

Grits Processing Line Maximum Process Rate (Output): 5850 lb/hr (wet basis)

Authority for Requirement: LCPH ATI 4110 / PTO 4337; LCPH ATI 4111 / PTO 4338

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five (5) years.

- Copies of test results shall be retained until a new approved representative test is conducted or for five (5) years, whichever is longer.
- Any changes in operation that would affect emissions, including changes in fan speed.

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 4110 / PTO 4337; LCPH ATI 4111 / PTO 4338

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B31**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B31	B31	Cooked Grits Dust Collection	Processed Corn Products & Flavorings	2.93 tph	CEB31	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B31	PM/PM ₁₀	0.0053 gr/dscf, 0.47 lb/hr, 2.06 tpy	LCPH ATI 4112 / PTO 4339
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 4112 / PTO 4339 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A dust collector shall be used to control particulate emissions. The control device shall be operated at all times when any equipment controlled by the control device is operating. The control device shall be maintained on this source in a good operating condition at all times.

All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring Requirements" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 4112 / PTO 4339

Operating Limits

Grits Processing Line Maximum Process Rate (Output): 5850 lb/hr (wet basis)

Maximum exhaust airflow rate: 10,364 scfm

Authority for Requirement: LCPH ATI 4112 / PTO 4339

Compliance Testing & Monitoring Requirements

The following shall be monitored:

- Pressure drop reading across dust collector.

All monitors shall be easily accessible to air pollution control personnel.

Authority for Requirement: LCPH ATI 4112 / PTO 4339

Record keeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five (5) years.

- Copies of test results shall be retained until a new approved representative test is conducted or for five years, whichever is longer.
- Any changes in operation that would affect emissions, including changes in fan speed.
- All maintenance completed on the control device
- Weekly pressure drop reading for dust collector unit.

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 4112 / PTO 4339

Reports

- The following information must be submitted to the Linn County Public Health Department by the 15th of each month for the previous quarter (January 15, April 15, July 15 and October 15).
 1. Quarterly production rate of Instant Grits

Authority for Requirement: LCPH ATI 4112 / PTO 4339

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B33**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B33	B33	Corn Mill Finished Product Dryer	Processed Corn	15 tph	CEB33	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B33	PM/PM ₁₀	0.02 gr/dscf, 1.71 lb/hr, 7.49 tpy	LCPH ATI 4313 / PTO 4386
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 4313 / PTO 4386 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A Kice Model M168 8 sock filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4313 / PTO 4386

Operating Limits

Corn Mill B Input: 30,000 lb/hr

Exhaust Airflow Rate: 10,000 scfm

Authority for Requirement: LCPH ATI 4313 / PTO 4386

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Weekly pressure drop readings across the dust collector while operating
2. Any changes in operation that would affect emissions, including changes in fan speed
3. All maintenance and repair completed on the dust collector

Authority for Requirement: LCPH ATI 4313 / PTO 4386

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B33	4313 / 4386	133	H	28 x 19	95	9253

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B34**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B34	B34	Corn Milling Process C, Mill B	Processed Corn	15 tph	CEB34	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B34	PM/PM ₁₀	0.005 gr/dscf, 0.94 lb/hr	LCPH ATI 5188 / PTO 5173
	PM	0.1 gr/dscf	LCPH ATI 5188 / PTO 5173 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5188 / PTO 5173 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5188 / PTO 5173

Operating Limits

- A. The installation of emission units intending to emit through EP-B34 that is not otherwise identified in the application for ATI 5188 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5188 / PTO 5173

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
- B. The owner or operator shall record all maintenance and repair work completed on the control device.
- C. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the findings and corrective action taken.

Authority for Requirement: LCPH ATI 5188 / PTO 5173

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B34	5188 / 5173	157	V	36	68	22000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B35**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B35	B35	Corn Milling A & B Hominy Grinder	Processed Corn	8.5 tph	CEB35	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B35	PM/PM ₁₀	0.01 gr/dscf, 0.31 lb/hr, 0.97 tpy	LCPH ATI 4512 / PTO 4546
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 4512 / PTO 4546 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4512 / PTO 4546

Operating Limits

Hours of Operation: 6,240 hours/year based on a 12-month rolling total

Exhaust Airflow Rate: 3,630 scfm

Authority for Requirement: LCPH ATI 4512 / PTO 4546

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1) Weekly pressure drop readings across the dust collector while operating
- 2) During the first four (4) quarters of operation determine the cumulative hours of operation for each quarter of operation
- 3) After the first four (4) quarters of operation determine the annual hours of operation on a rolling-4-quarter basis for each quarter of operation
- 4) all maintenance and repair completed on the dust collector

Authority for Requirement: LCPH ATI 4512 / PTO 4546

Quarterly Report Requirements

The following information shall be submitted to this department by the 15th of each month for the previous quarter (January 15, April 15, July 15 and October 15).

- Hours of operation based on a rolling four (4) quarter basis
- Authority for Requirement: LCPH ATI 4512 / PTO 4546

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B35	4512 / 4546	66	H	14	Ambient	3300

The temperature and flow rate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Department and obtain a permit amendment, if required.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No
Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: B36**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
B36	B36	Corn Mill A Dry Mix Hopper for A Mill	Processed Corn	4.4 tph	CEB36	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
B36	PM/PM ₁₀	0.009 gr/dscf, 0.03 lb/hr, 0.12 tpy	LCPH ATI 4961 / PTO 4954
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 4961 / PTO 4954

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operating Condition Monitoring and Recordkeeping Requirements" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4961 / PTO 4954

Operating Limits

A) Life Lines #5/6 are limited to a process rate of 8,800 lbs/hr (combined).

Authority for Requirement: LCPH ATI 4961 / PTO 4954

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Maintain a record of all maintenance completed on the control device.
2. Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 4961 / PTO 4954

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
B36	4961 / 4954	35	H (I)	4 x 4	68	352

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D01, D02

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D01	D01	Primary Oat Aspiration #1	Oats	15.4 tph	CED01	Fabric Filter Low Temperature, T<180°F
D02	D02	Primary Oat Aspiration #2	Oats	15.4 tph	CED02	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D01, D02	PM/PM ₁₀	0.24 lb/hr	LCPH ATI 5743 / PTO 5545
	PM/PM ₁₀	0.24 lb/hr	LCPH ATI 5744 / PTO 5546
	PM	0.1 gr/dscf	LCPH ATI 5743 / PTO 5545 LCPH ATI 5744 / PTO 5546 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 5743 / PTO 5545 LCPH ATI 5744 / PTO 5546 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5743 / PTO 5545; LCPH ATI 5744 / PTO 5546

Operating Limits

A. The installation of emission units intending to emit through EP-D01 (EP-D02) that is not otherwise identified in the application for ATI 5743 (ATI 5744) and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5743 / PTO 5545; LCPH ATI 5744 / PTO 5546

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control device on a weekly basis.

B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5743 / PTO 5545; LCPH ATI 5744 / PTO 5546

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D01	5743 / 5545	NA	I	NA	NA	6900
D02	5744 / 5546	NA	I	NA	NA	6900

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D03**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D03	D03	Oat Cleaning Process System A	Processed Oats & Wheat	35 tph	CED03A	Fabric Filter Low Temperature, T<180°F
					CED03B	HEPA Filter

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D03	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 6278 / PTO 6056
	PM	0.1 gr/dscf	LCPH ATI 6278 / PTO 6056 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 6278 / PTO 6056 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector and Purolator® filter shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6278 / PTO 6056

Operating Limits

A. The installation of emission units intending to emit through EP-D03 that is not otherwise identified in the application for ATI 6278 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the High-Capacity HEPA Filter:

- Readings over 3" w.g.

D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6278 / PTO 6056

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control devices (CE D03A and CE D03B) on a weekly basis.

B. Record all maintenance and repair work completed on the control devices (CE D03A and CE D03B).

Authority for Requirement: LCPH ATI 6278 / PTO 6056

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D03	6278 / 6056	NA	I	28	95	12803

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D04, D05

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D04	D04	Primary Large Oat Aspiration #3	Oats	15.4 tph	CED04	Fabric Filter Low Temperature, T<180°F
D05	D05	General Dust Collection	Oats	15.4 tph	CED05	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D04	PM/PM ₁₀	0.24 lb/hr	LCPH ATI 5745 / PTO 5547
D05	PM/PM ₁₀	0.43 lb/hr	LCPH ATI 5967 / PTO 5644
D04, D05	PM	0.1 gr/dscf	LCPH ATI 5745 / PTO 5547 LCPH ATI 5967 / PTO 5644 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 5745 / PTO 5547 LCPH ATI 5967 / PTO 5644 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5745 / PTO 5547; LCPH ATI 5967 / PTO 5644

Operating Limits

A. The installation of emission units intending to emit through EP-D04 (EP-D05) that is not otherwise identified in the application for ATI 5745 (ATI 5967) and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5745 / PTO 5547; LCPH ATI 5967 / PTO 5644

Operating Condition Monitoring and Recordkeeping Requirements

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control device on a weekly basis.

B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5745 / PTO 5547; LCPH ATI 5967 / PTO 5644

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D04	5745 / 5547	NA	I	NA	NA	6900
D05	5967 / 5644	NA	I	NA	NA	10125

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required?⁽¹⁾ Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

⁽¹⁾ CAM Plan applies to EP D05 only.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-D05 Baghouse**

I. Background

A. Emissions Unit

Description: CH2 General Dust Collection

Identification: EU D05

Location: Internal exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5644

Particulate emission limit: PM: 0.43 lb/hr, 0.1 gr/dscf

PM₁₀: 0.43 lb/hr

Opacity emission limit: No VE

Current Monitoring requirements: weekly differential pressure readings

C. Control Technology

Baghouse (MAC Model 96 AV114)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D06**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D06	D06	Oats Dryer / Cooler 1	Oat Groats	8 tph	CED06	Dynamic Separator – Dry

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D06	PM/PM ₁₀ /PM _{2.5}	0.42 lb/hr	LPCH ATI 6398 / PTO 6250
	PM	0.1 gr/dscf	LCPH ATI 6398 / PTO 6250 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 6398 / PTO 6250 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below

Control Device

An aerodyne shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6398 / PTO 6250

Operating Limits

- A. The installation of emission units intending to emit through EP-D06 that is not otherwise identified in the application for ATI 6398 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 - Permits for Authorization to Install.
- B. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.
- C. The differential pressure across the aerodyne (CE-D06) shall be maintained between 4" – 8" w.c.

Authority for Requirement: LCPH ATI 6398 / PTO 6250

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure established under "Operating Limits"(C) on a weekly basis.
 - B. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner or operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.
 - C. The owner or operator shall maintain a record of all maintenance completed on the control device.
- Authority for Requirement: LCPH ATI 6398 / PTO 6250

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D06	6398 / 6250	201	V	28	139.3	7531

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No
Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D07**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D07	D07	Oat Cleaning Process System C	Oats	65 tph	CED07A	Fabric Filter Low Temperature, T<180°F
					CED07B	HEPA Filter

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D07	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 5919 / PTO 5605
	PM	0.1 gr/dscf	LCPH ATI 5919 / PTO 5605 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 5919 / PTO 5605 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector and HEPA filter shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5919 / PTO 5605

Operating Limits

A. The installation of emission units intending to emit through EP-D07 that is not otherwise identified in the application for ATI 5919 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the High-Capacity HEPA Filter:

- Readings over 3" w.g.

D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5919 / PTO 5605

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control devices (CE D07A and CE D07B) on a weekly basis.

B. Record all maintenance and repair work completed on the control devices (CE D07A and CE D07B).

Authority for Requirement: LCPH ATI 5919 / PTO 5605

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D07	5919 / 5605	NA	I	NA	NA	11930

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D08, D09, D10, D11, D12, D13

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D08	D08	Oats Dryer / Cooler 2	Oat Groats	8 tph	CED08	Dynamic Separator – Dry
D09	D09	Oats Dyer / Cooler 3		8 tph	CED09	
D10	D10	Oats Dryer / Cooler 4		8 tph	CED10	
D11	D11	Oats Dryer / Cooler 5		8 tph	CED11	
D12	D12	Oats Dryer / Cooler 6		8 tph	CED12	
D13	D13	Oats Dryer / Cooler 7		8 tph	CED13	

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D08	PM/PM ₁₀ /PM _{2.5}	0.40 lb/hr	LCPH ATI 6399 / PTO 6425
D09		0.39 lb/hr	LCPH ATI 6400 / PTO 6339
D10		0.37 lb/hr	LCPH ATI 6401 / PTO 6251
D11		0.34 lb/hr	LCPH ATI 6402 / PTO 6423
D12		0.38 lb/hr	LCPH ATI 6403 / PTO 6432
D13		0.30 lb/hr	LCPH ATI 6404 / PTO 6252
D08, D09, D10, D11, D12, D13	PM	0.1 gr/dscf	LCPH ATI 6399 / PTO 6425 LCPH ATI 6400 / PTO 6339 LCPH ATI 6401 / PTO 6251 LCPH ATI 6402 / PTO 6423 LCPH ATI 6403 / PTO 6432 LCPH ATI 6404 / PTO 6252 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 6399 / PTO 6425 LCPH ATI 6400 / PTO 6339 LCPH ATI 6401 / PTO 6251 LCPH ATI 6402 / PTO 6423 LCPH ATI 6403 / PTO 6432 LCPH ATI 6404 / PTO 6252 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below

Control Device

An aerodyne shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6399 / PTO 6425; LCPH ATI 6400 / PTO 6339
LCPH ATI 6401 / PTO 6251; LCPH ATI 6402 / PTO 6423
LCPH ATI 6403 / PTO 6432; LCPH ATI 6404 / PTO 6252

Operating Limits

- A. The installation of emission units intending to emit through EP-D08 (EP-D09, EP-D10, EP-D11, EP-D12, EP-D13) that is not otherwise identified in the application for ATI 6399 (ATI 6400, ATI 6401, ATI 6402, ATI 6403, ATI 6404) and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 - Permits for Authorization to Install.
 - B. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.
 - C. The differential pressure across the aerodyne shall be maintained between 4" – 8" w.c.
- Authority for Requirement: LCPH ATI 6399 / PTO 6425; LCPH ATI 6400 / PTO 6339
LCPH ATI 6401 / PTO 6251; LCPH ATI 6402 / PTO 6423
LCPH ATI 6403 / PTO 6432; LCPH ATI 6404 / PTO 6252

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure established under "Operating Limits"(C) on a weekly basis.
 - B. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner or operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.
 - C. The owner or operator shall maintain a record of all maintenance completed on the control device.
- Authority for Requirement: LCPH ATI 6399 / PTO 6425; LCPH ATI 6400 / PTO 6339
LCPH ATI 6401 / PTO 6251; LCPH ATI 6402 / PTO 6423
LCPH ATI 6403 / PTO 6432; LCPH ATI 6404 / PTO 6252

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D08	6399 / 6425	205	V	17 x 17	123	7208
D09	6400 / 6339	205	V	13 x 18	143.4	6916
D10	6401 / 6251	205	V	17 x 17	125	6627
D11	6402 / 6423	205	V	16.5 x 17.5	132.3	6150
D12	6403 / 6432	205	V	17 x 17	124	6754
D13	6404 / 6252	205	V	17 x 17	120	5412

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D14, D15, D16

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D14	D14	Oat Cleaning Process System D	Processed Oats & Wheat	65 tph	CED14	Fabric Filter Low Temperature, T<180°F
D15	D15	Secondary Large Oat Aspiration #1	Oats	15.4 tph	CED15	
D16	D16	Secondary Large Oat Aspiration #2	Oats	15.4 tph	CED16	

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D14, D15, D16	PM/PM ₁₀	0.60 lb/hr	LCPH ATI 5920 / PTO 5606
	PM/PM ₁₀	0.15 lb/hr	LCPH ATI 5747 / PTO 5549
	PM/PM ₁₀	0.15 lb/hr	LCPH ATI 5748 / PTO 5550
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 5920 / PTO 5606 LCPH ATI 5747 / PTO 5549 LCPH ATI 5748 / PTO 5550 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5920 / PTO 5606; LCPH ATI 5747 / PTO 5549
LCPH ATI 5748 / PTO 5550

Operating Limits

A. The installation of emission units intending to emit through EP-D14 (EP-D15) (EP-D16) that is not otherwise identified in the application for ATI 5920 (ATI 5747) (ATI 5748) and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5920 / PTO 5606; LCPH ATI 5747 / PTO 5549
LCPH ATI 5748 / PTO 5550

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control device on a weekly basis.

B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5920 / PTO 5606; LCPH ATI 5747 / PTO 5549

LCPH ATI 5748 / PTO 5550

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D14	5920 / 5606	NA	I	NA	NA	17438
D15	5747 / 5549	NA	I	NA	NA	4408
D16	5748 / 5550	NA	I	NA	NA	4408

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required?

Yes No

Compliance Assurance Monitoring (CAM) Plan Required?⁽¹⁾

Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

⁽¹⁾ CAM Plan applies to EP D14 only.

Compliance Assurance Monitoring Plan CAM Plan for EP-D14 Baghouse

I. Background

A. Emissions Unit

Description: CH2 Oat Cleaning Process System D

Identification: EU D14

Location: Internal exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5606

Particulate emission limit: PM: 0.60 lb/hr, 0.1 gr/dscf

PM₁₀: 0.60 lb/hr

Opacity emission limit: No VE

Current Monitoring requirements: weekly differential pressure readings

C. Control Technology

Baghouse (MAC Model 96 AV156 III)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D17

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D17	D17	Oats Transfer / Packaging System A	Processed Oats	33 tph	CED17	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

General Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D17	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCO 10.7

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D18, D19, D20

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D18	D18	Secondary Large Oat Aspiration #3	Oats	15.4 tph	CED18	Fabric Filter Low Temperature, T<180°F
D19	D19	Primary Stub Oat Aspiration	Oats	15.4 tph	CED19	
D20	D20	Secondary Stub Oat Aspiration	Oats	15.4 tph	CED20	

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D18	PM/PM ₁₀	0.15 lb/hr	LPCH ATI 5749 / PTO 5551
D19	PM/PM ₁₀	0.24 lb/hr	LCPH ATI 5750 / PTO 5552
D20	PM/PM ₁₀	0.15 lb/hr	LCPH ATI 5751 / PTO 5553
D18, D19, D20	PM	0.1 gr/dscf	LCPH ATI 5749 / PTO 5551 LCPH ATI 5750 / PTO 5552 LCPH ATI 5751 / PTO 5553 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 5749 / PTO 5551 LCPH ATI 5750 / PTO 5552 LCPH ATI 5751 / PTO 5553 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5749 / PTO 5551; LCPH ATI 5750 / PTO 5552
LCPH ATI 5751 / PTO 5553

Operating Limits

A. The installation of emission units intending to emit through EP-D18 (EP-D19) (EP-D20) that is not otherwise identified in the application for ATI 5749 (ATI 5750) (ATI 5751) and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5749 / PTO 5551; LCPH ATI 5750 / PTO 5552
LCPH ATI 5751 / PTO 5553

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control device on a weekly basis.

B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5749 / PTO 5551; LCPH ATI 5750 / PTO 5552
LCPH ATI 5751 / PTO 5553

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D18	5749 / 5551	NA	I	NA	NA	4408
D19	5750 / 5552	NA	I	NA	NA	6900
D20	5751 / 5553	NA	I	NA	NA	4408

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D21**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D21	D21	Oat Rolling & Transfer System A	Processed Oats	53.3 tph	CED21	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D21	PM/PM ₁₀	0.005 gr/dscf, 0.16 lb/hr, 0.70 tpy	LCPH ATI 5176 / PTO 5140
	PM	0.1 gr/dscf	LCPH ATI 5176 / PTO 5140 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5176 / PTO 5140 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits & requirements listed below.

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping Requirements" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5176 / PTO 5140

Operating Limits

A. The installation of emission units intending to emit through EP-D21 that is not otherwise identified in the application for ATI 5176 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5176 / PTO 5140

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1) Monitor and record weekly pressure drop readings across the dust collector while operating.
- 2) Record pressure drop readings and corrective action taken in response to permit condition "Operating Limits B".
- 3) Monitor and record "no visible emissions" on a weekly basis.
- 4) Record all maintenance and repair activities completed on the fabric filter dust collector.

Authority for Requirement: LCPH ATI 5176 / PTO 5140

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D21	5176 / 5140	163	H	12 x 14	90	3722

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No
Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D22, D23

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D22	D22	Track 5 Loadout Reclaim	Oat Flakes	2.5 tph	CED22	Fabric Filter Low Temperature, T<180°F
D23	D23	Elevator C, Bin #3 Airlock	Oats	3.5 tph	CED23	

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D22	PM/PM ₁₀	0.01 lb/hr	LCPH ATI 5739 / PTO 5460
D23	PM/PM ₁₀	0.01 lb/hr	LCPH ATI 5741 / PTO 5461
D22, D23	PM	0.1 gr/dscf	LCPH ATI 5739 / PTO 5460 LCPH ATI 5741 / PTO 5461 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 5739 / PTO 5460 LCPH ATI 5741 / PTO 5461 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5739 / PTO 5460; LCPH ATI 5741 / PTO 5461

Operating Limits

A. The installation of emission units intending to emit through EP-D22 (EP-D23) that is not otherwise identified in the application for ATI 5739 (ATI 5741) and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5739 / PTO 5460; LCPH ATI 5741 / PTO 5461

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control device on a weekly basis.

B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5739 / PTO 5460; LCPH ATI 5741 / PTO 5461

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D22	5739 / 5460	NA	I	NA	NA	294
D23	5741 / 5461	NA	I	NA	NA	196

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D25, D26, D27

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D25	D25	CH2 General Dust Collection	Oats	2.5 tph	CED25	Fabric Filter Low Temperature, T<180°F
D26	D26	CH2 Grading Gravity Tables (2)	Oats	2.5 tph per table	CED26	
D27	D27	Oat Bran Flour Bin-top (Bin #4)	Oats	5 tph	CED27	

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D25	PM/PM ₁₀	0.46 lb/hr	LCPH ATI 6279 / PTO 6057
D26	PM/PM ₁₀	0.06 lb/hr	LCPH ATI 5922 / PTO 5608
D27	PM/PM ₁₀	0.05 lb/hr	LCPH ATI 5737 / PTO 5465
D25, D26, D27	PM	0.1 gr/dscf	LCPH ATI 6279 / PTO 6057 LCPH ATI 5922 / PTO 5608 LCPH ATI 5737 / PTO 5465 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 6279 / PTO 6057 LCPH ATI 5922 / PTO 5608 LCPH ATI 5737 / PTO 5465 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6279 / PTO 6057; LCPH ATI 5922 / PTO 5608
LCPH ATI 5737 / PTO 5465

Operating Limits

A. The installation of emission units intending to emit through EP-D25 (EP-D26) (EP-D27) that is not otherwise identified in the application for ATI 6279 (ATI 5922) (ATI 5737) and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6279 / PTO 6057; LCPH ATI 5922 / PTO 5608
LCPH ATI 5737 / PTO 5465

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control device on a weekly basis.

B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 6279 / PTO 6057; LCPH ATI 5922 / PTO 5608
LCPH ATI 5737 / PTO 5465

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D25	6279 / 6057	NA	I	24	Ambient	13400
D26	5922 / 5608	NA	I	NA	NA	1625
D27	5737 / 5465	NA	I	NA	NA	1225

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required?⁽¹⁾ Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

⁽¹⁾ CAM Plan applies to EP D25 only.

Compliance Assurance Monitoring Plan CAM Plan for EP-D25 Baghouse

I. Background

A. Emissions Unit

Description: CH2 General Dust Collection
Identification: EU D25
Location: Internal exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH ATI 6279
Particulate emission limit: PM: 0.64 lb/hr, 0.1 gr/dscf
PM₁₀: 0.64 lb/hr
Opacity emission limit: No VE
Current Monitoring requirements: weekly differential pressure readings

C. Control Technology

Baghouse (MAC Model 96 AV156-2)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D28

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D28	D28	Oat Rolling System G	Processed Oats	42 tph	-	-

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D28	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCO 10.7

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required?

Yes No

Compliance Assurance Monitoring (CAM) Plan Required?

Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D29**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D29	D29	Oat Cleaning Process System K	Processed Oats	42 tph	CED29A	Fabric Filter Low Temperature, T<180°F
					CED29B	HEPA Filter

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D29	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 5923 / PTO 5609
	PM	0.1 gr/dscf	LCPH ATI 5923 / PTO 5609 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 5923 / PTO 5609 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector and HEPA filter shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5923 / PTO 5609

Operating Limits

A. The installation of emission units intending to emit through EP-D29 that is not otherwise identified in the application for ATI 5923 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the High-Capacity HEPA Filter:

- Readings over 3" w.g.

D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5923 / PTO 5609

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control devices (CE D29A and CE D29B) on a weekly basis.

B. Record all maintenance and repair work completed on the control devices (CE D29A and CE D29B).

Authority for Requirement: LCPH ATI 5923 / PTO 5609

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D29	5923 / 5609	NA	I	NA	NA	16451

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-D29 Baghouse with HEPA Filter**

I. Background

A. Emissions Unit

Description: CH2 Oat Cleaning Process System K
Identification: EU D29
Location: Internal exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5609
Particulate emission limit: PM: 0.02 lb/hr, 0.1 gr/dscf
PM₁₀: 0.02 lb/hr
Opacity emission limit: No VE
Current Monitoring requirements: weekly differential pressure readings

C. Control Technology

Baghouse (MAC Model 96 AV1682) with added HEPA filter (Purolator Model SLVA95-4412)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D30, D31, D32, D33

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D30	D30	Oat Flour Bliss Mill System #1	Processed Oats	4 tph	CED30	Fabric Filter Low Temperature, T<180°F
D31	D31	Oat Flour Filter Receiver System #1	Oat Flour	4 tph	CED31	Fabric Filter Low Temperature, T<180°F
D32	D32	Oat Flour Bliss Mill System #2	Processed Oats	4 tph	CED32	Fabric Filter Low Temperature, T<180°F
D33	D33	Oat Flour Filter Receiver System #2	Oat Flour	4 tph	CED33	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D30	PM/PM ₁₀	0.15 lb/hr	LCPH ATI 6761 / PTO 6539
D31	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 6762 / PTO 6540
D32	PM/PM ₁₀	0.15 lb/hr	LCPH ATI 6763 / PTO 6541
D33	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 6764 / PTO 6542
D30, D31, D32, D33	PM	0.1 gr/dscf	LCPH ATI 6761 / PTO 6539 LCPH ATI 6762 / PTO 6540 LCPH ATI 6763 / PTO 6541 LCPH ATI 6764 / PTO 6542 567 IAC 23.4(7) LCO 10.9(1)"g"
D30, D32	Opacity	20%	LCPH ATI 6761 / PTO 6539 LCPH ATI 6763 / PTO 6541 LCO 10.7
D31, D33	Opacity	No VE	LCPH ATI 6762 / PTO 6540 LCPH ATI 6764 / PTO 6542 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device (EP's D30 and D32)

Bin vent filters shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control equipment at all times.

Authority for Requirement: LCPH ATI 6761 / PTO 6539; LCPH ATI 6763 / PTO 6541

Control Device (EP's D31 and D33)

A filter receiver shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control equipment at all times.

Authority for Requirement: LCPH ATI 6762 / PTO 6540; LCPH ATI 6764 / PTO 6542

Operating Limits

A. The installation of emission units intending to emit through EP-D30 (EP-D31) (EP-D32) (EP-D33) (EP-D34) that is not otherwise identified

in the application for ATI 6761 (ATI 6762) (ATI 6763) (ATI 6764) and authorized to operate by this permit will require prior

authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6761 / PTO 6539; LCPH ATI 6762 / PTO 6540;
LCPH ATI 6763 / PTO 6541; LCPH ATI 6764 / PTO 6542

Operating Condition Monitoring and Recordkeeping

Unless specified by a federal regulation, all records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives. Records shall be legible and maintained in an orderly manner. These records shall show the following:

- The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
- The owner or operator shall maintain a record of all maintenance completed on the control device.
- The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken. **(EP's D30 and D32 only)**

Authority for Requirement: LCPH ATI 6761 / PTO 6539; LCPH ATI 6762 / PTO 6540;
LCPH ATI 6763 / PTO 6541; LCPH ATI 6764 / PTO 6542

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D30	6761 / 6539	NA	I	NA	NA	3600
D31	6762 / 6540	NA	I	NA	NA	400
D32	6763 / 6541	NA	I	NA	NA	3600
D33	6764 / 6542	NA	I	NA	NA	400

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D34**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D34	D34	CH2 Grading Gravity Tables (2)	Oats	2.5 tph per table	CED34	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D34	PM/PM ₁₀	0.38 lb/hr	LCPH ATI 5925 / PTO 5611
	PM	0.1 gr/dscf	LCPH ATI 5925 / PTO 5611 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 5925 / PTO 5611 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5925 / PTO 5611

Operating Limits

A. The installation of emission units intending to emit through EP-D34 that is not otherwise identified in the application for ATI 5925 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5925 / PTO 5611

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control device on a weekly basis.

B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5925 / PTO 5611

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D34	5925 / 5611	NA	I	NA	NA	11000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D35**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D35	D35	Super Sack Flour	Oat Flour	5 tph	CED35	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D35	PM/PM ₁₀	0.09 lb/hr	LCPH ATI 6171 / PTO 5937
	PM	0.1 gr/dscf	LCPH ATI 6171 / PTO 5937 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 6171 / PTO 5937 LCCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A cartridge filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6171 / PTO 5937

Operating Limits

- A. The installation of emission units intending to emit through EP-D35 that is not otherwise identified in the application for ATI 6171 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6171 / PTO 5937

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control device on a weekly basis.
- B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 6171 / PTO 5937

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D35	6171 / 5937	NA	I	NA	NA	1000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D36, D37**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D36	D36	Oat Flour Mill General Dust Colletion System #1	Processed Oats	7.5 tph	CED36	Fabric Filter Low Temperature, T<180°F
D37	D37	Oat Flour Mill General Dust Colletion System #2	Processed Oats	7.5 tph	CED37	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D36	PM/PM ₁₀	0.23 lb/hr	LCPH ATI 6765 / PTO 6543
D37	PM/PM ₁₀	0.21 lb/hr	LCPH ATI 6766 / PTO 6544
D36, D37	PM	0.1 gr/dscf	LCPH ATI 6765 / PTO 6543 LCPH ATI 6766 / PTO 6544 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 6765 / PTO 6543 LCPH ATI 6766 / PTO 6544 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Equipment

A baghouse shall be installed to control particulate emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control equipment at all times.

Authority for Requirement: LCPH ATI 6765 / PTO 6543; LCPH ATI 6766 / PTO 6544

Operating Limits

Operating limits for this emission unit shall be:

- A. The installation of emission units intending to emit through EP-D36 (EP-D37) that is not otherwise identified in the application for ATI 6765 (ATI 6766) and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6765 / PTO 6543; LCPH ATI 6766 / PTO 6544

Operating Condition Monitoring and Recordkeeping

Unless specified by a federal regulation, all records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives. Records shall be legible and maintained in an orderly manner. These records shall show the following:

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
- B. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.
- C. The owner or operator shall maintain a record of all maintenance completed on the control device. Authority for Requirement: LCPH ATI 6765 / PTO 6543; LCPH ATI 6766 / PTO 6544

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D36	6765 / 6543	121	V	18	100	5451
D37	6766 / 6544	121	V	18	100	4791

The temperature and flow rates are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature or flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D38**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D38	D38	Oat Conveying / Transfer Process B	Oat Groats	42 tph	CED38	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D38	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCO 10.7

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D39**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D39	D39	Pneumatic Transfer Systems – Groat Storage	Oat Groats	12.5 tph	CED39	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D39	PM/PM ₁₀	0.005 gr/dscf, 0.08 lb/hr, 0.35 tpy	LCPH ATI 5181 / PTO 5141
	PM	0.1 gr/dscf	LCPH ATI 5181 / PTO 5141 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5181 / PTO 5141 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits & requirements listed below.

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping Requirements" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5181 / PTO 5141

Operating Limits

A. The installation of emission units intending to emit through EP-D39 that is not otherwise identified in the application for ATI 5181 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5181 / PTO 5141

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1) Monitor and record weekly pressure drop readings across the dust collector while operating.
- 2) Record pressure drop readings and corrective action taken in response to permit condition "Operating Limits B".
- 3) Monitor and record "no visible emissions" on a weekly basis.
- 4) Record all maintenance and repair activities completed on the fabric filter dust collector.

Authority for Requirement: LCPH ATI 5181 / PTO 5141

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D39	5181 / 5141	117	H	40 x 24	92	1677

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No
Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D40**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D40	D40	Oat Cleaning Process System E	Grain By-products	42 tph	CED40A	Fabric Filter Low Temperature, T<180°F
					CED40B	HEPA Filter

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D40	PM/PM ₁₀	0.01 lb/hr	LCPH ATI 6307 / PTO 6086
	PM	0.1 gr/dscf	LCPH ATI 6307 / PTO 6086 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 6307 / PTO 6086 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector and Purolator® filter shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6307 / PTO 6086

Operating Limits

A. The installation of emission units intending to emit through EP-D40 that is not otherwise identified in the application for ATI 6307 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the High-Capacity HEPA Filter:

- Readings over 3" w.g.

D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6307 / PTO 6086

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control devices (CE D40A and CE D40B) on a weekly basis.

B. Record all maintenance and repair work completed on the control devices (CE D40A and CE D40B).

Authority for Requirement: LCPH ATI 6307 / PTO 6086

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D40	6307 / 6086	NA	I	NA	NA	5684

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D41**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D41	D41	Project Big Oat Aspirators	Oats	8 tph	CED41	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D41	PM/PM ₁₀	0.11 lb/hr	LCPH ATI 5942 / PTO 5640
	PM	0.1 gr/dscf	LCPH ATI 5942 / PTO 5640 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 5942 / PTO 5640 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5942 / PTO 5640

Operating Limits

A. The installation of emission units intending to emit through EP-D41 that is not otherwise identified in the application for ATI 5942 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5942 / PTO 5640

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control device on a weekly basis.

B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5942 / PTO 5640

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D41	5942 / 5640	NA	I	NA	NA	3200

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D42**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D42	D42	Oat Rolling System 1	Oat Flakes, Groats, Processed Groats	40 tph	CED42	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D42	PM/PM ₁₀	1.43 lb/hr	LCPH ATI 6524 / PTO 6259
	PM	0.1 gr/dscf	LCPH ATI 6524 / PTO 6259 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 6524 / PTO 6259 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6524 / PTO 6259

Operating Limits

- A. The installation of emission units intending to emit through EP-D42 that is not otherwise identified in the application for ATI 6524 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5486 / PTO 5252

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
- B. The owner or operator shall record all maintenance and repair work completed on the control device.
- C. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

Authority for Requirement: LCPH ATI 5486 / PTO 5252

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D42	6524 / 6259	172	V	30 x 40	103.3	42792

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-D42 Baghouse**

I. Background

A. Emissions Unit

Description: Oat Rolling System I
 Identification: EU D42
 Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5252
 Particulate emission limit: PM: 1.43 lb/hr, 0.1 gr/dscf
 PM₁₀: 1.43 lb/hr
 Opacity emission limit: 20%
 Current Monitoring requirements: weekly differential pressure readings
 weekly opacity (NVE) checks

C. Control Technology

Baghouse (MAC Model 96 AV396)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D43**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D43	D43	Oat Cleaning Process System F	Processed Oats	65 tph	CED43A	Fabric Filter Low Temperature, T<180°F
					CED43B	HEPA Filter

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D43	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 5837 / PTO 5574
	PM	0.1 gr/dscf	LCPH ATI 5837 / PTO 5574 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 5837 / PTO 5574 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector and HEPA filter shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5837 / PTO 5574

Operating Limits

A. The installation of emission units intending to emit through EP-D43 that is not otherwise identified in the application for ATI 5837 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the High-Capacity HEPA Filter:

- Readings over 3" w.g.

D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5837 / PTO 5574

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control devices (CE D43A and CE D43B) on a weekly basis.

B. Record all maintenance and repair work completed on the control devices (CE D43A and CE D43B).

Authority for Requirement: LCPH ATI 5837 / PTO 5574

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D43	5837 / 5574	NA	I	NA	NA	15803

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-D43 Baghouse with HEPA Filter**

I. Background

A. Emissions Unit

Description: CH2 Oat Cleaning Process System F
Identification: EU D43
Location: Internal exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5574
Particulate emission limit: PM: 0.02 lb/hr, 0.1 gr/dscf
PM₁₀: 0.02 lb/hr
Opacity emission limit: No VE
Current Monitoring requirements: weekly differential pressure readings

C. Control Technology

Baghouse (MAC Model 96 AV1562) with added HEPA filter (Purolator Model SLVA95-4412)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D44**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D44	D44	Groat Conveying / Transfer / Unloading Process	Oat Groats	47.5 tph	CED44	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D44	PM/PM ₁₀	0.01 gr/dscf, 0.65 lb/hr	LCPH ATI 4885 / PTO 4845
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 4885 / PTO 4845 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operation Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4885 / PTO 4845

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the pressure differential across the control device on a weekly basis.

B. Maintain a record of all maintenance completed on the control device.

Authority for Requirement: LCPH ATI 4885 / PTO 4845

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D44	4885 / 4845	126	V	18	110	6910

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-D44 Baghouse**

I. Background

A. Emissions Unit

Description: Pneumatic Conveying System
Identification: EU D44
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 4845
Particulate emission limit: PM: 0.65 lb/hr, 0.01 gr/dscf
PM₁₀: 0.65 lb/hr
Opacity emission limit: 20%
Current Monitoring requirements: weekly differential pressure readings
weekly opacity (NVE) checks

C. Control Technology

Baghouse (MAC Model 96 MWP 40)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D45**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D45	D45	Oats/ Instant Oats Processing / Transfer System A	Processed Groats	40 tph	CED45	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D45	PM/PM ₁₀	0.39 lb/hr	LCPH ATI 5487 / PTO 5253
	PM	0.1 gr/dscf	LCPH ATI 5487 / PTO 5253 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5487 / PTO 5253 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operation Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5487 / PTO 5253

Operating Limits

A. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

B. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5487 / PTO 5253

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1) Monitor and record the differential pressure across the control device on a weekly basis.
- 2) Record all maintenance and repair work completed on the control device

Authority for Requirement: LCPH ATI 5487 / PTO 5253

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D45	5487 / 5253	172	V	46.25 x 32.75	98.2	27608

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-D45 Baghouse**

I. Background

A. Emissions Unit

Description: Oat/Instant Oats Processing/Transfer System A
Identification: EU D45
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5253
Particulate emission limit: PM: 0.39 lb/hr, 0.1 gr/dscf
PM₁₀: 0.39 lb/hr
Opacity emission limit: 20%
Current Monitoring requirements: weekly differential pressure readings
weekly opacity (NVE) checks

C. Control Technology

Baghouse (MAC Model 96 AV396 3)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D46**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D46	D46	Gravity Tables (2)	Oat Flakes	15.4 tph	CED46	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D46	PM/PM ₁₀	0.75 lb/hr	LCPH ATI 5752 / PTO 5554
	Opacity	No VE	LCPH ATI 5752 / PTO 5554 LCO 10.5(3)"b"
	PM	0.1 gr/dscf	LCPH ATI 5752 / PTO 5554 567 IAC 23.4(7) LCO 10.9(1)"g"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5752 / PTO 5554

Operating Limits

A. The installation of emission units intending to emit through EP-D46 that is not otherwise identified in the application for ATI 5752 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5752 / PTO 5554

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control device on a weekly basis.

B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5752 / PTO 5554

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D46	5752 / 5554	NA	I	NA	NA	22000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-D46 Baghouse**

I. Background

A. Emissions Unit

Description: CH2 Grading Gravity Tables (2)

Identification: EU D46

Location: Internal exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5554

Particulate emission limit: PM: 0.15 lb/hr, 0.1 gr/dscf

PM₁₀: 0.15 lb/hr

Opacity emission limit: No VE

Current Monitoring requirements: weekly differential pressure readings

C. Control Technology

Baghouse (MAC Model 55 AVRC 52)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D47, D49, D50, D51, D52, D53

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D47	D47	CH2 General Dust Collection	Oats	11.4 tph	CED47A	Fabric Filter Low Temperature, T<180°F
					CED47B	HEPA Filter
D49	D49	CH2 Grading Gravity Table (1)	Processed Oats	15 tph	CED49A	Fabric Filter Low Temperature, T<180°F
					CED49B	HEPA Filter
D50	D50	Oat Cleaning Process System H	Processed Oats	65 tph	CED50A	Fabric Filter Low Temperature, T<180°F
					CED50B	HEPA Filter
D51	D51	Oat Cleaning Process System I	Processed Oats / Groats	65 tph	CED51A	Fabric Filter Low Temperature, T<180°F
					CED51B	HEPA Filter
D52	D52	Oat Cleaning Process System J	Processed Oats	65 tph	CED52A	Fabric Filter Low Temperature, T<180°F
					CED52B	HEPA Filter
D53	D53	Oat Pro Processing System	Processed Oats	0.5 tph	CED53	Fabric Filter Low Temperature, T<180°F
					CED53B	HEPA Filter

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D47	PM/PM ₁₀	0.03 lb/hr	LCPH ATI 5968 / PTO 5645
D49	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 5754 / PTO 5556
D50	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 5792 / PTO 5497
D51	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 5793 / PTO 5498
D52	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 5794 / PTO 5499
D53	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 5795 / PTO 5500
D47, D49, D50, D51, D52, D53	PM	0.1 gr/dscf	LCPH ATI 5968 / PTO 5645 LCPH ATI 5754 / PTO 5556 LCPH ATI 5792 / PTO 5497 LCPH ATI 5793 / PTO 5498 LCPH ATI 5794 / PTO 5499 LCPH ATI 5795 / PTO 5500 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 5968 / PTO 5645 LCPH ATI 5754 / PTO 5556 LCPH ATI 5792 / PTO 5497 LCPH ATI 5793 / PTO 5498 LCPH ATI 5794 / PTO 5499 LCPH ATI 5795 / PTO 5500 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector and HEPA filter shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5968 / PTO 5645; LCPH ATI 5754 / PTO 5556
LCPH ATI 5792 / PTO 5497; LCPH ATI 5793 / PTO 5498
LCPH ATI 5794 / PTO 5499; LCPH ATI 5795 / PTO 5500

Operating Limits

A. The installation of emission units intending to emit through EP-D47 (EP-D49) (EP-D50) (EP-D51) (EP-D52) (EP-D53) that is not otherwise identified in the application for ATI 5968 (ATI 5754) (ATI 5792) (ATI 5793) (ATI 5794) (ATI 5795) and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the High-Capacity HEPA Filter:

- Readings over 3" w.g.

D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5968 / PTO 5645; LCPH ATI 5754 / PTO 5556
LCPH ATI 5792 / PTO 5497; LCPH ATI 5793 / PTO 5498
LCPH ATI 5794 / PTO 5499; LCPH ATI 5795 / PTO 5500

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control devices (CE D47A and CE D47B) (CE D49A and CE D49B) (CE D50A and CE D50B) (CE D51A and CE D51B) (CE D52A and CE D52B) (CE D53A and CE D53B) on a weekly basis.

B. Record all maintenance and repair work completed on the control devices (CE D47A and CE D47B) (CE D49A and CE D49B) (CE D50A and CE D50B) (CE D51A and CE D51B) (CE D52A and CE D52B) (CE D53A and CE D53B).

Authority for Requirement: LCPH ATI 5968 / PTO 5645; LCPH ATI 5754 / PTO 5556
LCPH ATI 5792 / PTO 5497; LCPH ATI 5793 / PTO 5498
LCPH ATI 5794 / PTO 5499; LCPH ATI 5795 / PTO 5500

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D47	5968 / 5645	NA	I	NA	NA	18000
D49	5754 / 5556	NA	I	NA	NA	11000

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D50	5792 / 5497	NA	I	NA	NA	10472
D51	5793 / 5498	NA	I	NA	NA	8816
D52	5794 / 5499	NA	I	NA	NA	7099
D53	5795 / 5500	NA	I	NA	NA	8914

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required?⁽¹⁾ Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

⁽¹⁾ CAM Plan applies to EP's D47 and D53 only.

Compliance Assurance Monitoring Plan CAM Plan for EP-D47 Baghouse with HEPA Filter

I. Background

A. Emissions Unit

Description: CH2 General Dust Collection
 Identification: EU D47
 Location: Internal exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5612
 Particulate emission limit: PM: 0.03 lb/hr, 0.1 gr/dscf
 PM₁₀: 0.03 lb/hr
 Opacity emission limit: No VE
 Current Monitoring requirements: weekly differential pressure readings

C. Control Technology

Baghouse (General Resources Model 14018.9) with added High Capacity HEPA filter (Camil Farr Absolute 2000)

Authority for Requirement: 567 IAC 22.108(3)

**Compliance Assurance Monitoring Plan
CAM Plan for EP-D53 Baghouse with HEPA Filter**

I. Background

A. Emissions Unit

Description: CH2 Oat Cleaning Process System J
Identification: EU D53
Location: Internal exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5500
Particulate emission limit: PM: 0.02 lb/hr, 0.1 gr/dscf
PM₁₀: 0.02 lb/hr
Opacity emission limit: No VE
Current Monitoring requirements: weekly differential pressure readings

C. Control Technology

Baghouse (MAC 72 AVR39 3) with added High Capacity HEPA filter (Camil Farr Absolute 2000)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D54**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D54	D54	Groats Transfer System to Milling & Two Roll Stands	Processed Oats	25 tph	CED54	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D54	PM/PM ₁₀	0.02 gr/dscf, 2.6 lb/hr, 11.3 tpy	LCPH ATI 4150 / PTO 4259
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	10%	LCPH ATI 4150 / PTO 4259
	Opacity	20%	LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 4150 / PTO 4259

Operating Limits

Airflow to the baghouse shall be limited to 15,000 dscfm. Any increase in airflow would be considered a major modification and would necessitate a new authorization to install permit.

Authority for Requirement: LCPH ATI 4150 / PTO 4259

Compliance Monitoring

The following information shall be monitored:

- Weekly pressure drop readings

All monitors shall be easily accessible to air pollution personnel

Authority for Requirement: LCPH ATI 4150 / PTO 4259

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly pressure drop readings
- Records of all maintenance and repair completed on the control device

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 4150 / PTO 4259

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-D54 Baghouse**

I. Background

A. Emissions Unit

Description: Groats Transfer System to Milling
Identification: EU D54
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 4259
Particulate emission limit: PM: 2.57 lb/hr, 0.1 gr/dscf
PM₁₀: 2.57 lb/hr
Opacity emission limit: 20%
Current Monitoring requirements: weekly differential pressure readings
weekly opacity (NVE) checks

C. Control Technology

Baghouse (MAC Model 120AV308 Style I)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D55**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D55	D55	Barley Pearlers (5)	Barley	2.5 tph	CED55	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D55	PM/PM ₁₀	0.34 lb/hr	LCPH ATI 5944 / PTO 5642
	PM	0.1 gr/dscf	LCPH ATI 5944 / PTO 5642 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 5944 / PTO 5642 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5944 / PTO 5642

Operating Limits

A. The installation of emission units intending to emit through EP-D55 that is not otherwise identified in the application for ATI 5944 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5944 / PTO 5642

Operation Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control device on a weekly basis.

B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5944 / PTO 5642

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D55	5944 / 5642	NA	I	NA	NA	10000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D56**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D56	D56	Storage Bin, Elevator C, Bin #3	Grain By-Products	4.75 tph	CED56	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D56	PM/PM ₁₀	0.22 lb/hr	LCPH ATI 5560 / PTO 5438
	PM	0.1 gr/dscf	LCPH ATI 5560 / PTO 5438 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5560 / PTO 5438 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5560 / PTO 5438

Operating Limits

A. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

B. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5560 / PTO 5438

Operating Condition Monitoring & Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1) Monitor and record the differential pressure across the control device on a weekly basis.
- 2) Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5560 / PTO 5438

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D56	5560 / 5438	101	V	20	96	5232

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D57**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D57	D57	C-Mill/Track 13 Groat Transfer System	Groats	35 tph	CED57	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D57	PM/PM ₁₀	0.005 gr/dscf, 0.18 lb/hr	LCPH ATI 5020 / PTO 5039
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5020 / PTO 5039 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits & requirements listed below.

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5020 / PTO 5039

Operating Limits

A. The maximum exhaust airflow rate shall not exceed 4,180 scfm.

B. The installation of emission units intending to emit through EP-D57 that is not otherwise identified in the application for ATI 5020 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

Authority for Requirement: LCPH ATI 5020 / PTO 5039

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1) Monitor and record weekly pressure drop readings across the dust collector while operating.

2) Record all maintenance and repair activities completed on the fabric filter dust collector.

Authority for Requirement: LCPH ATI 5020 / PTO 5039

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D57	5020 / 5039	130	V	13	Ambient	4180

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D58**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D58	D58	SQO Storeveyor	Mixed Grain Flours	37.5 tph	CED58	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D58	PM/PM ₁₀	0.25 lb/hr	LCPH ATI 5418 / PTO 5213
	PM	0.1 gr/dscf	LCPH ATI 5418 / PTO 5213 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5418 / PTO 5213 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits & requirements listed below.

Control Device

A cartridge filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5418 / PTO 5213

Operating Limits

- A. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:
- Pressure drop is over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- B. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5418 / PTO 5213

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1) Monitor and record weekly pressure drop readings across the dust collector while operating.
- 2) Monitor and record "no visible emissions" on a weekly basis.
- 3) Record all maintenance and repair activities completed on the fabric filter dust collector.

Authority for Requirement: LCPH ATI 5418 / PTO 5213

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D58	5418 / 5213	126.25	H	20	90	7634

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D59**Associated Equipment.**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D59	D59	Project Big Oat – General Dust Collection	Dust	20 tph	CED59	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D59	PM/PM ₁₀	0.34 lb/hr	LCPH ATI 6525 / PTO 6260
	PM	0.1 gr/dscf	LCPH ATI 6525 / PTO 6260 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 6525 / PTO 6260 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A cartridge filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6525 / PTO 6260

Operating Limits

A. The installation of emission units intending to emit through EP-D59 that is not otherwise identified in the application for ATI 6525 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6525 / PTO 6260

Operation Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.

B. The owner or operator shall record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 6525 / PTO 6260

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D59	6525 / 6260	NA	I	NA	NA	10000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D60, D61, D62, D63, D64, D65, D66, D67, D68, D69, D71, D72, D73, D74, D75, D76, D77

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D60	D60	Dirty Oats Filter Receiver #1	Hulls	13.25 tph	CED60	Fabric Filter Low Temperature, T<180°F
D61	D61	Dirty Oats Filter Receiver #2	Hulls	13.25 tph	CED61	Fabric Filter Low Temperature, T<180°F
D62	D62	300 V Gravity Table	Hulls	25 tph	CED62	Fabric Filter Low Temperature, T<180°F
D63	D63	Light Oats Primary Aspiration Filter Receiver	Hulls	12.25 tph	CED63	Fabric Filter Low Temperature, T<180°F
D64	D64	Light Oats Secondary Aspiration Filter Receiver	Hulls	8.45 tph	CED64	Fabric Filter Low Temperature, T<180°F
D65	D65	Light Oats Destoner FR	Hulls	3.8 tph	CED65	Fabric Filter Low Temperature, T<180°F
D66	D66	90V Gravity Table	Hulls	6.5 tph	CED66	Fabric Filter Low Temperature, T<180°F
D67	D67	Heavy Oats Primary Aspiration Filter Receiver	Hulls	13 tph	CED67	Fabric Filter Low Temperature, T<180°F
D68	D68	Heavy Oats Secondary Aspiration Filter Receiver	Hulls	15 tph	CED68	Fabric Filter Low Temperature, T<180°F
D69	D69	Heavy Oats Destoner Filter Receiver	Hulls	4 tph	CED69	Fabric Filter Low Temperature, T<180°F
D71	D71	Dried Groats Aspiration Filter Receiver	Hulls	9 tph	CED71	Fabric Filter Low Temperature, T<180°F
D72	D72	B Grade Gravity Table	Hulls	6.5 tph	CED72	Fabric Filter Low Temperature, T<180°F
D73	D73	Chips Surge Bin Supply Cyclone Receiver	Oats	1.5 tph	CED73	Fabric Filter Low Temperature, T<180°F
D74	D74	General Dust Collection #1	Dust	26.5 tph	CED74	Fabric Filter Low Temperature, T<180°F
D75	D75	General Dust Collection #2	Dust	26.5 tph	CED75	Fabric Filter Low Temperature, T<180°F
D76	D76	General Sanitation Vacuum System	Hulls	26.5 tph	CED76	Fabric Filter Low Temperature, T<180°F
D77	D77A	CH#3 Grading Gravity Table	Hulls	4.5 tph	CED77	Fabric Filter Low Temperature, T<180°F
	D77B	CH#3 Grading Gravity Table	Hulls	2.5 tph		

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D60	PM/PM ₁₀	0.004 gr/dscf, 0.12 lb/hr	LCPH ATI 5391 / PTO 5408

D61	PM/PM ₁₀	0.004 gr/dscf, 0.12 lb/hr	LCPH ATI 5392 / PTO 5409
D62	PM/PM ₁₀	0.004 gr/dscf, 0.75 lb/hr	LCPH ATI 5393 / PTO 5410
D63	PM/PM ₁₀	0.004 gr/dscf, 0.24 lb/hr	LCPH ATI 5394 / PTO 5411
D64	PM/PM ₁₀	0.004 gr/dscf, 0.16 lb/hr	LCPH ATI 5395 / PTO 5412
D65	PM/PM ₁₀	0.004 gr/dscf, 0.12 lb/hr	LCPH ATI 5396 / PTO 5413
D66	PM/PM ₁₀	0.004 gr/dscf, 0.55 lb/hr	LCPH ATI 5397 / PTO 5414
D67	PM/PM ₁₀	0.004 gr/dscf, 0.24 lb/hr	LCPH ATI 5398 / PTO 5415
D68	PM/PM ₁₀	0.004 gr/dscf, 0.16 lb/hr	LCPH ATI 5399 / PTO 5416
D69	PM/PM ₁₀	0.004 gr/dscf, 0.12 lb/hr	LCPH ATI 5400 / PTO 5417
D71	PM/PM ₁₀	0.004 gr/dscf, 0.16 lb/hr	LCPH ATI 5401 / PTO 5418
D72	PM/PM ₁₀	0.004 gr/dscf, 0.55 lb/hr	LCPH ATI 5402 / PTO 5419
D73	PM/PM ₁₀	0.004 gr/dscf, 0.01 lb/hr	LCPH ATI 5403 / PTO 5420
D74	PM/PM ₁₀	0.004 gr/dscf, 0.55 lb/hr	LCPH ATI 5404 / PTO 5421
D75	PM/PM ₁₀	0.004 gr/dscf, 0.55 lb/hr	LCPH ATI 5405 / PTO 5422
D76	PM/PM ₁₀	0.004 gr/dscf, 0.01 lb/hr	LCPH ATI 5406 / PTO 5423
D77	PM/PM ₁₀	0.004 gr/dscf, 0.48 lb/hr	LCPH ATI 5687 / PTO 5406
D60, D61, D62, D63, D64, D65, D66, D67, D68, D69, D71, D72, D73, D74, D75, D76, D77	PM	0.1 gr/dscf	LCPH ATI 5391 / PTO 5408 LCPH ATI 5392 / PTO 5409 LCPH ATI 5393 / PTO 5410 LCPH ATI 5394 / PTO 5411 LCPH ATI 5395 / PTO 5412 LCPH ATI 5396 / PTO 5413 LCPH ATI 5397 / PTO 5414 LCPH ATI 5398 / PTO 5415 LCPH ATI 5399 / PTO 5416 LCPH ATI 5400 / PTO 5417 LCPH ATI 5401 / PTO 5418 LCPH ATI 5402 / PTO 5419 LCPH ATI 5403 / PTO 5420 LCPH ATI 5404 / PTO 5421 LCPH ATI 5405 / PTO 5422 LCPH ATI 5406 / PTO 5423 LCPH ATI 5687 / PTO 5406 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 5391 / PTO 5408 LCPH ATI 5392 / PTO 5409 LCPH ATI 5393 / PTO 5410 LCPH ATI 5394 / PTO 5411 LCPH ATI 5395 / PTO 5412 LCPH ATI 5396 / PTO 5413 LCPH ATI 5397 / PTO 5414 LCPH ATI 5398 / PTO 5415 LCPH ATI 5399 / PTO 5416 LCPH ATI 5400 / PTO 5417 LCPH ATI 5401 / PTO 5418 LCPH ATI 5402 / PTO 5419 LCPH ATI 5403 / PTO 5420 LCPH ATI 5404 / PTO 5421 LCPH ATI 5405 / PTO 5422 LCPH ATI 5406 / PTO 5423 LCPH ATI 5687 / PTO 5406 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be used (installed (EP D77)) to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operation Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5391 / PTO 5408; LCPH ATI 5392 / PTO 5409
LCPH ATI 5393 / PTO 5410; LCPH ATI 5394 / PTO 5411
LCPH ATI 5395 / PTO 5412; LCPH ATI 5396 / PTO 5413
LCPH ATI 5397 / PTO 5414; LCPH ATI 5398 / PTO 5415
LCPH ATI 5399 / PTO 5416; LCPH ATI 5400 / PTO 5417
LCPH ATI 5401 / PTO 5418; LCPH ATI 5402 / PTO 5419
LCPH ATI 5403 / PTO 5420; LCPH ATI 5404 / PTO 5421
LCPH ATI 5405 / PTO 5422; LCPH ATI 5406 / PTO 5423
LCPH ATI 5687 / PTO 5406

Operating Limits

A. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

B. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

D. For plant-wide operating limits see "2008 CH3 NAAQS Offset Requirements".

Authority for Requirement: LCPH ATI 5391 / PTO 5408; LCPH ATI 5392 / PTO 5409
LCPH ATI 5393 / PTO 5410; LCPH ATI 5394 / PTO 5411
LCPH ATI 5395 / PTO 5412; LCPH ATI 5396 / PTO 5413
LCPH ATI 5397 / PTO 5414; LCPH ATI 5398 / PTO 5415
LCPH ATI 5399 / PTO 5416; LCPH ATI 5400 / PTO 5417
LCPH ATI 5401 / PTO 5418; LCPH ATI 5402 / PTO 5419
LCPH ATI 5403 / PTO 5420; LCPH ATI 5404 / PTO 5421
LCPH ATI 5405 / PTO 5422; LCPH ATI 5406 / PTO 5423
LCPH ATI 5687 / PTO 5406

Operation Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1) Monitor and record weekly pressure drop readings across the dust collector while operating.
- 2) Record all maintenance and repair activities completed on the fabric filter dust collector.
- 3) For plant-wide operating condition monitoring and recordkeeping requirements see "2008 CH3 NAAQS Offset Requirements".

Authority for Requirement: LCPH ATI 5391 / PTO 5408; LCPH ATI 5392 / PTO 5409
LCPH ATI 5393 / PTO 5410; LCPH ATI 5394 / PTO 5411
LCPH ATI 5395 / PTO 5412; LCPH ATI 5396 / PTO 5413
LCPH ATI 5397 / PTO 5414; LCPH ATI 5398 / PTO 5415
LCPH ATI 5399 / PTO 5416; LCPH ATI 5400 / PTO 5417
LCPH ATI 5401 / PTO 5418; LCPH ATI 5402 / PTO 5419

LCPH ATI 5403 / PTO 5420; LCPH ATI 5404 / PTO 5421
 LCPH ATI 5405 / PTO 5422; LCPH ATI 5406 / PTO 5423
 LCPH ATI 5687 / PTO 5406

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D60	5391 / 5408	NA	I	NA	NA	3500
D61	5392 / 5409	NA	I	NA	NA	3500
D62	5393 / 5410	NA	I	NA	NA	22000
D63	5394 / 5411	NA	I	NA	NA	6900
D64	5395 / 5412	NA	I	NA	NA	4600
D65	5396 / 5413	NA	I	NA	NA	3500
D66	5397 / 5414	NA	I	NA	NA	16000
D67	5398 / 5415	NA	I	NA	NA	6900
D68	5399 / 5416	NA	I	NA	NA	4600
D69	5400 / 5417	NA	I	NA	NA	3500
D71	5401 / 5418	NA	I	NA	NA	4600
D72	5402 / 5419	NA	I	NA	NA	16000
D73	5403 / 5420	NA	I	NA	NA	150
D74	5404 / 5421	NA	I	NA	NA	16000
D75	5405 / 5422	NA	I	NA	NA	16000
D76	5406 / 5423	NA	I	NA	NA	300
D77	5687 / 5406	NA	I	NA	NA	14000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
 See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required?⁽¹⁾ Yes No
 See Plant-Wide Periodic Monitoring Section for CAM Plan.

⁽¹⁾ CAM Plan applies to EP's D66, D72, D75 and D77 only.

Compliance Assurance Monitoring Plan CAM Plan for EP-D66 Baghouse

I. Background

A. Emissions Unit

Description: CH3 Grading Gravity Table (1)
Identification: EU D66
Location: Internal exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5414
Particulate emission limit: PM: 0.55 lb/hr, 0.004 gr/dscf
PM₁₀: 0.55 lb/hr
Opacity emission limit: No VE
Current Monitoring requirements: weekly differential pressure readings

C. Control Technology

Baghouse (MAC Model 55 AVSC130)

Authority for Requirement: 567 IAC 22.108(3)

Compliance Assurance Monitoring Plan CAM Plan for EP-D72 Baghouse

I. Background

A. Emissions Unit

Description: CH3 Grading Gravity Table (1)
Identification: EU D72
Location: Internal exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5419
Particulate emission limit: PM: 0.55 lb/hr, 0.004 gr/dscf
PM₁₀: 0.55 lb/hr
Opacity emission limit: No VE
Current Monitoring requirements: weekly differential pressure readings

C. Control Technology

Baghouse (MAC Model 55 AVSC130)

Authority for Requirement: 567 IAC 22.108(3)

Compliance Assurance Monitoring Plan CAM Plan for EP-D75 Baghouse

I. Background

A. Emissions Unit

Description: CH3 General Dust Collection
Identification: EU D75
Location: Internal exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5422
Particulate emission limit: PM: 0.55 lb/hr, 0.004 gr/dscf
PM₁₀: 0.55 lb/hr
Opacity emission limit: No VE
Current Monitoring requirements: weekly differential pressure readings

C. Control Technology

Baghouse (MAC Model 55 AVSC130)

Authority for Requirement: 567 IAC 22.108(3)

Compliance Assurance Monitoring Plan CAM Plan for EP-D77 Baghouse

I. Background

A. Emissions Unit

Description: CH3 Grading Gravity Tables (2)
Identification: EU D77
Location: Internal exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5406
Particulate emission limit: PM: 0.48 lb/hr, 0.004 gr/dscf
PM₁₀: 0.48 lb/hr
Opacity emission limit: No VE
Current Monitoring requirements: weekly differential pressure readings

C. Control Technology

Baghouse (MAC Model 55 AVSC130)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D78, D79**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D78	D78	A Grade Groat Transfer to C-Mill	Oats	7.5 tph	CED78	Fabric Filter Low Temperature, T<180°F
D79	D79	A Grade Groat Transfer to Elevator D	Oats	7.5 tph	CED79	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D78	PM/PM ₁₀	0.005 gr/dscf, 0.11 lb/hr	LCPH ATI 5407 / PTO 5424
D79	PM/PM ₁₀	0.005 gr/dscf, 0.11 lb/hr	LCPH ATI 5408 / PTO 5425
D78, D79	PM	0.1 gr/dscf	LCPH ATI 5407 / PTO 5424 LCPH ATI 5408 / PTO 5425 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5407 / PTO 5424 LCPH ATI 5408 / PTO 5425 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits & requirements listed below.

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5407 / PTO 5424; LCPH ATI 5408 / PTO 5425

Operating Limits

A. The installation of emission units intending to emit through EP-D78 (EP-D79) that is not otherwise identified in the application for ATI 5407 (ATI 5408) and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

D. For plant-wide operating condition monitoring and recordkeeping requirements see "2008 CH3 NAAQS Offset Requirements".

Authority for Requirement: LCPH ATI 5407 / PTO 5424; LCPH ATI 5408 / PTO 5425

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1) Monitor and record weekly pressure drop readings across the dust collector while operating.
- 2) Monitor and record "no visible emissions" on a weekly basis.
- 3) Record all maintenance and repair activities completed on the fabric filter dust collector.
- 4) For plant-wide operating condition monitoring and recordkeeping requirements see "2008 CH3 NAAQS Offset Requirements".

Authority for Requirement: LCPH ATI 5407 / PTO 5424; LCPH ATI 5408 / PTO 5425

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D78	5407 / 5424	130	V	16	70	2500
D79	5408 / 5425	120	V	16	70	2500

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D80, D81**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D80	D80	B Grade Groat Transfer to C-Mill	Groats	7.65 tph	CED80	Fabric Filter Low Temperature, T<180°F
D81	D81	B Grade Groat Transfer to Elevator D	Groats	7.65 tph	CED81	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D80	PM/PM ₁₀	0.005 gr/dscf, 0.10 lb/hr	LCPH ATI 5409 / PTO 5426
D81	PM/PM ₁₀	0.005 gr/dscf, 0.10 lb/hr	LCPH ATI 5410 / PTO 5427
D80, D81	PM	0.1 gr/dscf	LCPH ATI 5409 / PTO 5426 LCPH ATI 5410 / PTO 5427 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5409 / PTO 5426 LCPH ATI 5410 / PTO 5427 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits & requirements listed below.

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5409 / PTO 5426; LCPH ATI 5410 / PTO 5427

Operating Limits

- A. The installation of emission units intending to emit through EP-D80 (EP-D81) that is not otherwise identified in the application for ATI 5409 (ATI 5410) and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.
- D. For plant-wide operating condition monitoring and recordkeeping requirements see "2008 CH3 NAAQS Offset Requirements".

Authority for Requirement: LCPH ATI 5409 / PTO 5426; LCPH ATI 5410 / PTO 5427

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1) Monitor and record weekly pressure drop readings across the dust collector while operating.
- 2) Monitor and record "no visible emissions" on a weekly basis.
- 3) Record all maintenance and repair activities completed on the fabric filter dust collector.
- 4) For plant-wide operating condition monitoring and recordkeeping requirements see "2008 CH3 NAAQS Offset Requirements".

Authority for Requirement: LCPH ATI 5409 / PTO 5426; LCPH ATI 5410 / PTO 5427

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D80	5409 / 5426	130	V	16	70	2300
D81	5410 / 5427	130	V	16	70	2300

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D82

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D82	D82	MIAG Kiln #1	Groats	8.5 tph	CED82	Aerodyne
	D83	MIAG Kiln #2	Groats	8.5 tph	CED83	Aerodyne

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D82	PM/PM ₁₀	0.008 gr/dscf, 0.51 lb/hr	LCPH ATI 5411 / PTO 5428
	PM	0.1 gr/dscf	LCPH ATI 5411 / PTO 5428 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5411 / PTO 5428 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits & requirements listed below.

Control Device

An aerodyne shall be installed to control particulate matter emissions from EU D82 and EU D83. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5411 / PTO 5428

Operating Limits

- The installation of emission units intending to emit through EP-D82 authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.
- The differential pressure across the aerodynes (CE-D82 and CE-D83) shall be maintained between 4" – 8" w.c.
- For plant-wide operating condition monitoring and recordkeeping requirements see "2008 CH3 NAAQS Offset Requirements".

Authority for Requirement: LCPH ATI 5411 / PTO 5428

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- The owner or operator shall monitor and record the differential pressure established under "Operating Limits"(C) on a weekly basis.
- The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner or operator to promptly investigate the

emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

- C. The owner or operator shall maintain a record of all maintenance completed on the aerodynes (CE-D82 and CE-D83).
- D. For plant-wide operating condition monitoring and recordkeeping requirements see "2008 CH3 NAAQS Offset Requirements".

Authority for Requirement: LCPH ATI 5411 / PTO 5428

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D82	5411/ 5428	130	V	26	180	7500

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D85**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D85	D85	CH2 Gravity Tables (3)	Oats	9 tph	CED85	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D85	PM/PM ₁₀	0.52 lb/hr	LCPH ATI 6280 / PTO 6058
	PM	0.1 gr/dscf	LCPH ATI 6280 / PTO 6058 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 6280 / PTO 6058 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6280 / PTO 6058

Operating Limits

A. The installation of emission units intending to emit through EP-D85 that is not otherwise identified in the application for ATI 6280 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6280 / PTO 6058

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control device on a weekly basis.

B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 6280 / PTO 6058

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D85	6280 / 6058	NA	I	27 x 28	Ambient	15152

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-D85 Baghouse**

I. Background

A. Emissions Unit

Description: CH2 Gravity Tables
Identification: EU D85
Location: Internal exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH ATI 6280
Particulate emission limit: PM: 0.52 lb/hr, 0.1 gr/dscf
PM₁₀: 0.52 lb/hr
Opacity emission limit: No VE
Current Monitoring requirements: weekly differential pressure readings

C. Control Technology

Baghouse (MAC Model 96 AV144)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: D86**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
D86	D86	CH3 Gluten Free System	Oats	8 tph	CED86A	Fabric Filter Low Temperature, T<180°F
					CED86B	HEPA Filter

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
D86	PM/PM ₁₀	0.43 lb/hr	LCPH ATI 6724 / PTO 6536
	PM	0.1 gr/dscf	LCPH ATI 6724 / PTO 6536 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 6724 / PTO 6536 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Equipment

A cartridge filter dust collector and high capacity HEPA filter shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control equipment at all times.

Authority for Requirement: LCPH ATI 6724 / PTO 6536

Operating Limits

Operating limits for this emission unit shall be:

- A. The installation of emission units intending to emit through EP-D86 that is not otherwise identified in the application for ATI 6724 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the High-Capacity HEPA Filter:
 - Readings over 3" w.g.
- D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6724 / PTO 6536

Operating Condition Monitoring and Recordkeeping

Unless specified by a federal regulation, all records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives. Records shall be legible and maintained in an orderly manner. These records shall show the following:

- A. The owner or operator shall monitor and record the differential pressure across the control devices (CE D86A and CE D86B) on a weekly basis.
- B. The owner or operator shall record all maintenance and repair work completed on the control devices (CE D86A and CE D86B).

Authority for Requirement: LCPH ATI 6724 / PTO 6536

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
D86	6724 / 6536	NA	I	NA	NA	10000

The temperature and flow rates are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature or flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No
Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: E06, E09**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
E06	E06	Unground Oat Hull Conveying	Oat Hulls	16 tph	CEE06	Fabric Filter Low Temperature, T<180°F
E09	E09	Storage Bin, Elevator D, Bin #9	Grain By-Products	5 tph	CEE09	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

General Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
E06, E09	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCO 10.7

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Yes No

Facility Maintained Operation & Maintenance Plan Required?

Yes No

Compliance Assurance Monitoring (CAM) Plan Required?

Authority for Requirement: 567 IAC 22.108(3)

Yes No

Emission Point ID Number: E27**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
E27	E27	By-Products Truck Loading System	Grain By-Products	40 tph	CEE27	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
E27	PM/PM ₁₀	0.005 gr/dscf, 0.5 lb/hr, 2.19 tpy	LCPH ATI 5021 / PTO 5055
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5021 / PTO 5055 LCO 10.7

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5021 / PTO 5055

Operating Limits

- A. The maximum exhaust airflow rate shall not exceed 26,400 scfm.
- B. The installation of emission units intending to emit through EP-E27 that is not otherwise identified in the application for ATI 5021 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

Authority for Requirement: LCPH ATI 5418 / PTO 5213

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1) Monitor and record the pressure differential across the control device on a weekly basis.
- 2) Monitor and record "no visible emissions" observations on a weekly basis.
- 3) Record all maintenance and repair completed on the control device.

Authority for Requirement: LCPH ATI 5418 / PTO 5213

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
E27	5021 / 5055	115	V	32	Ambient	24000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

**Compliance Assurance Monitoring Plan
CAM Plan for EP-E27 Baghouse**

I. Background

A. Emissions Unit

Description: By-Product Truck Loading System
Identification: EU E27
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5055
Particulate emission limit: PM: 1.04 lb/hr, 0.005 gr/dscf
PM₁₀: 1.04 lb/hr
Opacity emission limit: 20%
Current Monitoring requirements: weekly differential pressure readings
weekly opacity (NVE) checks

C. Control Technology

Baghouse (MAC Model 120MCF 255)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: E31, E32

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
E31	E31	Storage Bin, Elevator D, Bin #8	Grain By-Products	10 tph	CEE31	Fabric Filter Low Temperature, T<180°F
E32	E32	Storage Bin, Elevator D, Bin #10	Grain By-Products	5 tph	CEE32	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
E31	PM/PM ₁₀	0.02 gr/dscf, 0.17 lb/hr, 0.74 tpy	LCPH ATI 4245 / PTO 4286
E32	PM/PM ₁₀	0.02 gr/dscf, 0.31 lb/hr, 1.38 tpy	LCPH ATI 2089 / PTO 2240
E31, E32	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 4245 / PTO 4286 LCPH ATI 2089 / PTO 2240 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 4245 / PTO 4286; LCPH ATI 2089 / PTO 2240

Operating Limits

Loading Capacity: 20,000 lb/hr (dry basis)

Exhaust Airflow Rate: 968 scfm (**E31**)

Airflow to the baghouse shall be limited to 968 scfm Any increase in airflow would be considered a modification and would necessitate a new authorization to install permit.

Exhaust Airflow Rate: 1833 scfm (**E32**)

Authority for Requirement: LCPH ATI 4245 / PTO 4286; LCPH ATI 2089 / PTO 2240

Compliance Monitoring

The following information shall be monitored:

- Weekly pressure drop readings when in use

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 4245 / PTO 4286; LCPH ATI 2089 / PTO 2240

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly pressure drop readings when in use
- All maintenance completed on the control device

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 4245 / PTO 4286; LCPH ATI 2089 / PTO 2240

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: E33, E34**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
E33	E33	Storage Bin, Elevator D, Bin #4	Grain By-Products	5 tph	CEE33	Fabric Filter Low Temperature, T<180°F
E34	E34	Storage Bin, Elevator D, Bin #5	Grain By-Products	5 tph	CEE34	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

General Emission Limit.

EP	Pollutant	Emission Limit(s)	Authority for Requirement
E33, E34	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCO 10.7

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Yes No

Facility Maintained Operation & Maintenance Plan Required?

Yes No

Compliance Assurance Monitoring (CAM) Plan Required?

Authority for Requirement: 567 IAC 22.108(3)

Yes No

Emission Point ID Number: E35**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
E35	E35	Storage Bin, Elevator D, Bin #3	Grain By-Products	7 tph	CEE35	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
E35	PM/PM ₁₀	0.02 gr/dscf, 0.14 lb/hr, 0.61 tpy	LCPH ATI 4246 / PTO 4287
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 4246 / PTO 4287 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 4246 / PTO 4287

Operating Limits

Loading Capacity: 14,000 lb/hr (dry basis)

Exhaust Airflow Rate: 815 scfm

Any increase in airflow would be considered a major modification and would necessitate a new authorization to install permit.

Authority for Requirement: LCPH ATI 4246 / PTO 4287

Compliance Monitoring

The following information shall be monitored:

- Weekly pressure drop readings

All monitors shall be easily accessible to air pollution personnel

Authority for Requirement: LCPH ATI 4246 / PTO 4287

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly pressure drop readings
- Records of all maintenance and repair completed on the control device

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 4246 / PTO 4287

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No
Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: E39, E40**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
E39	E39	Railcar Unloading, Sugar	Sugar	20 tph	CEE39	Fabric Filter Low Temperature, T<180°F
E40	E40	Sugar Storage Bin, Warehouse 8, 9 th Floor	Sugar	20 tph	CEE40	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
E39	PM ₁₀	0.02 gr/dscf, 0.27 lb/hr, 1.19 tpy	LCPH ATI 3466 / PTO 3407
E40	PM ₁₀	0.02 gr/dscf, 0.15 lb/hr, 0.66 tpy	LCPH ATI 3467 / PTO 3408
E39, E40	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	10%	LCPH ATI 3466 / PTO 3407 LCPH ATI 3467 / PTO 3048
		20%	LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be installed to control particulate emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 3466 / PTO 3407; LCPH ATI 3467 / PTO 3408

Operating Limits

- A. The total sugar unloaded through this system shall not exceed 297,840,000 lbs/year calculated on a 12-month rolling total basis.
- B. Airflow to the baghouse shall be limited to 1,584 dscfm (EP E39) (880 dscfm (EP E40)). Any increase in airflow would be considered a major modification and would necessitate a new authorization to install permit.

Authority for Requirement: LCPH ATI 3466 / PTO 3407; LCPH ATI 3467 / PTO 3408

Operating Condition Monitoring and Recordkeeping

If not specified elsewhere, all records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure on a weekly basis.
- B. The owner or operator shall record the total sugar unloaded on a daily basis.
- C. The owner or operator shall record the 12-month rolling total of sugar unloaded through this system.

Authority for Requirement: LCPH ATI 3466 / PTO 3407; LCPH ATI 3467 / PTO 3408

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: E41**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
E41	E41	Storage Bin, Elevator D, Bin #6	Oat Hulls	20 tph	CEE41	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
E41	PM/PM ₁₀	0.02 gr/dscf, 0.41 lb/hr, 1.80 tpy	LCPH ATI 4201 / PTO 4260
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 4201 / PTO 4260 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device:

A cartridge filter dust collector shall be used to control particulate emissions. The control device shall be operated at all times when any equipment controlled by the control device is operating. The control device shall be maintained on this source in a good operating condition at all times.

All appropriate probes and gauges needed to measure the parameters outlined in "Monitoring Requirements" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 4201 / PTO 4260

Operating Limits:

Maximum equipment design rate: 40,000 lb/hr

Maximum exhaust airflow rate: 2400 scfm

Authority for Requirement: LCPH ATI 4201 / PTO 4260

Monitoring Requirement:

The following information shall be monitored:

- Weekly pressure drop reading across dust collector

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 4201 / PTO 4260

Record keeping Requirements:

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Copies of test results shall be retained until a new approved representative test is conducted or for five years, whichever is longer.
- Any changes in operation that would affect emissions, including changes in fan speed.
- Weekly pressure drop reading across dust collector.

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 4201 / PTO 4260

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: E42, E43**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
E42	E42	East Oat Hull Truck Loadout System	Oat Hulls	25 tph	CEE42	Fabric Filter Low Temperature, T<180°F
E43	E43	West Oat Hull Truck Loadout System	Oat Hulls	25 tph	CEE43	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
E42	PM/PM ₁₀	0.002 gr/dscf, 0.28 lb/hr	LCPH ATI 4472 / PTO 4707
E43	PM/PM ₁₀	0.002 gr/dscf, 0.28 lb/hr	LCPH ATI 4774 / PTO 4708
E42, E43	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 4472 / PTO 4707 LCPH ATI 4774 / PTO 4708 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A fabric filter dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Record keeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4472 / PTO 4707; LCPH ATI 4774 / PTO 4708

Operating Limits

Exhaust Airflow Rate: 16,500 scfm (**E42**)

Exhaust Airflow Rate: 16,500 scfm (**E43**)

Authority for Requirement: LCPH ATI 4472 / PTO 4707; LCPH ATI 4774 / PTO 4708

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- Weekly pressure drop readings across the dust collector while operation
- All maintenance and repair completed on the fabric filter dust collector.

Authority for Requirement: LCPH ATI 4472 / PTO 4707; LCPH ATI 4774 / PTO 4708

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
E42	4472 / 4707	80	V	32	Ambient	15000
E43	4774 / 4708	80	V	32	Ambient	15000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required?⁽¹⁾ Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: F01**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
F01	F01	Spray Painting Booth	Primer	0.0417 gallon/hr	CEF01	Fiberglass Filter
	F01A		White Enamel			
	F01B		Colored Enamel			
	F01C		Solvent / Thinner			

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
F01	PM ₁₀	0.01 gr/dscf	LCPH ATI 3760 / PTO 3711
	VOC	1.64 tpy	
	HAPs	1.64 tpy	
	PM	0.01 gr/dscf	LCPH ATI 3760 / PTO 3711 567 IAC 23.4(13) LCO 10.9(1)"n"
	Opacity	20%	LCPH ATI 3760 / PTO 3711 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A dry filter shall be maintained in place and in good condition at all times during operation of the spray booth. Filters shall be changed on a regular basis as needed.

Authority for Requirement: LCPH ATI 3760 / PTO 3711

Operating Limits

Material Usage: 1 gal/day average total (not to exceed 365 gallons/12 month rolling total)

VOC/VHAP Content: 9 lb/gallon

Any increase in airflow would be considered a major modification and would necessitate a new authorization to install permit.

Authority for Requirement: LCPH ATI 3760 / PTO 3711

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- All paint, primer and solvent used on a monthly basis. This shall be recorded in gallons.
- A monthly average shall be calculated at the end of each quarter. This shall be recorded in gallons.
- Record date and description of all maintenance completed on the dry filters. This shall include complete changes.

These records shall be available on site at all times for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 3760 / PTO 3711

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Emission Point ID Number: FG01, FG02, FG03**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
FG01	FG01	Fugitives – Elevator G Grain Unloading System A	Corn, Oats, Barley, Wheat	250 tph	-	-
FG02	FG02	Fugitives – Elevator G Grain Unloading System B		250 tph	-	-
FG03	FG03	Fugitives – Tracks #8/9 Loadout	Grain By- Products	27 tph	-	-

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Fugitive Dust

No person shall allow, cause or permit any materials to be handled, transported or stored; or a building, its appurtenances or a construction haul road to be used, constructed, altered, repaired, or demolished, without taking reasonable precautions to prevent particulate matter in quantities sufficient to create a nuisance. All persons, with the above exceptions, shall take reasonable precautions to prevent the discharge of visible emissions of fugitive dusts beyond the lot line of the property on which the emissions originate.

Authority for Requirement: 567 IAC 23.3(2)"c"
LCO 10.13

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Monitoring is not required at this time.

Agency Approved Operation & Maintenance Plan Required? Yes No

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: FG06

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
FG06	FG06	Fugitives – Grain Fumigation	Phospine	1.83 lb/hr	-	-

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Chemical Use:

The phosphine used by the facility shall be limited to 8.0 tons per year based on a 12-month rolling period.

Authority for Requirement: These limits were requested by the applicant
567 IAC 22.108(14)

Reporting and Recordkeeping

The facility will monitor and record the amount of phosphine used on a quarterly basis based on a 12-month rolling period from usage records. A quarterly report summarizing the phosphine use will be submitted to the Linn County Public Health Department Air Quality Division by the 15th of each month for the previous quarter (January 15, April 15, July 15, and October 15). These records shall be kept for a minimum of five years.

Authority for Requirement: These limits were requested by the applicant
567 IAC 22.108(14)

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Monitoring is not required at this time.

Agency Approved Operation & Maintenance Plan Required? Yes No

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: G05, G06, G07, G08, G09, G10

Associated Equipment.

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
G05	G05	Storage Bin, C Mill Bin Annex, Bin #12	Grain Flours	20 tph	CEG05	Fabric Filter Low Temperature, T<180°F
G06	G06	Storage Bin, C Mill Bin Annex, Bin #13	Grain Flours	5 tph	CEG06	Fabric Filter Low Temperature, T<180°F
G07	G07	Storage Bin, C Mill Bin Annex, Bin #14	Grain Flours	10 tph	CEG07	Fabric Filter Low Temperature, T<180°F
G08	G08	Storage Bin, C Mill Bin Annex, Bin #4	Grain Flours	5 tph	CEG08	Fabric Filter Low Temperature, T<180°F
G09	G09	Storage Bin, C Mill Bin Annex, Bin#15	Grain Flours	20 tph	CEG09	Fabric Filter Low Temperature, T<180°F
G10	G10	Clybourn Packaging Line – Sugar Bin	Processed Oats	9 tph	CEG10	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

General Emission Limits.

EP	Pollutant	Emission Limit(s)	Authority for Requirement
G05, G06, G07, G08, G09, G10	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCO 10.7

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: G11, G12, G13, G14

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
G11	G11	Storage Bin, Warehouse 6, Bin #1	Grain Flours / Meals	8.5 tph	CEG11	Fabric Filter Low Temperature, T<180°F
G12	G12	Storage Bin, Warehouse 6, Bin #2		8.5 tph	CEG12	
G13	G13	Storage Bin, Warehouse 6, Bin #3		8.5 tph	CEG13	
G14	G14	Storage Bin, Warehouse 6, Bin #4		8.5 tph	CEG14	

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
G11	PM ₁₀	0.02 gr/dscf, 0.19 lb/hr, 0.83 tpy	LCPH ATI 3312 / PTO 3049
G12	PM ₁₀	0.02 gr/dscf, 0.155 lb/hr, 0.68 tpy	LCPH ATI 3738 / PTO 3713
G13	PM ₁₀	0.02 gr/dscf, 0.19 lb/hr, 0.83 tpy	LCPH ATI 3314 / PTO 3411
G14	PM ₁₀	0.02 gr/dscf, 0.134 lb/hr, 0.586 tpy	LCPH ATI 3739 / PTO 3714
G11, G12, G13, G14	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	10%	LCPH ATI 3312 / PTO 3049 LCPH ATI 3738 / PTO 3713 LCPH ATI 3314 / PTO 3411 LCPH ATI 3739 / PTO 3714
		20%	LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 3312 / PTO 3049; LCPH ATI 3738 / PTO 3713
LCPH ATI 3314 / PTO 3411; LCPH ATI 3739 / PTO 3714

Operating Limits

Airflow to the baghouse shall be limited to 1,100 dscfm. **(G11)**

Airflow to the baghouse shall be limited to 905 dscfm. **(G12)**

Airflow to the baghouse shall be limited to 1,100 dscfm. **(G13)**

Airflow to the baghouse shall be limited to 780 dscfm. **(G14)**

Any increase in airflow would be considered a major modification and would necessitate a new authorization to install permit.

Authority for Requirement: LCPH ATI 3312 / PTO 3049; LCPH ATI 3738 / PTO 3713
LCPH ATI 3314 / PTO 3411; LCPH ATI 3739 / PTO 3714

Compliance Monitoring

The following information shall be monitored:

- Weekly pressure drop readings

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 3312 / PTO 3049; LCPH ATI 3738 / PTO 3713
LCPH ATI 3314 / PTO 3411; LCPH ATI 3739 / PTO 3714

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly pressure drop readings
- Records of all maintenance and repair completed on the control device

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 3312 / PTO 3049; LCPH ATI 3738 / PTO 3713
LCPH ATI 3314 / PTO 3411; LCPH ATI 3739 / PTO 3714

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No
Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: H01, H07, H13**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
H01	H01	Cornmeal Storage Bin, C Mill, 11 th Floor	Processed Corn	6.25 tph	CEH01	Fabric Filter Low Temperature, T<180°F
H07	H07	Farina Transfer / Packaging System	Farina	20 tph	CEH07	Fabric Filter Low Temperature, T<180°F
H13	H13	Oats Transfer / Packaging System B	Oat Flakes, Barley, Wheat	35 tph	CEH13	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

General Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
H01, H07, H13	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCO 10.7

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required?Yes No **Compliance Assurance Monitoring (CAM) Plan Required?**Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: H15**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
H15	H15	Instant Oats Processing / Packaging System C	Oats, Sugar, Fruit	13.5 tph	CEH15	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
H15	PM/PM ₁₀	0.62 lb/hr	LCPH ATI 5728 / PTO 5458
	PM	0.1 gr/dscf	LCPH ATI 5728 / PTO 5458 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5728 / PTO 5458 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5728 / PTO 5458

Operating Limits

The owner or operator of this equipment shall comply with the operational limits and requirements listed below:

- A. The installation of emission units intending to emit through EP-H15 that is not otherwise identified in the application for ATI 5728 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5728 / PTO 5458

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control device on a weekly basis.
- B. Record all maintenance and repair work completed on the control device.
- C. Monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the findings and corrective action taken.

Authority for Requirement: LCPH ATI 5728 / PTO 5458

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
H15	5728 / 5458	127	H	24 x 33	80	14579

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

Compliance Assurance Monitoring Plan CAM Plan for EP-H15 Baghouse

I. Background

A. Emissions Unit

Description: IQO Process System C
Identification: EU H15
Location: External exhaust

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Regulation No.: LCPH PTO 5458
Particulate emission limit: PM: 0.62 lb/hr, 0.1 gr/dscf
PM₁₀: 0.62 lb/hr
Opacity emission limit: 20%
Current Monitoring requirements: weekly differential pressure readings
weekly opacity (NVE) checks

C. Control Technology

Baghouse (MAC Model 72AV256)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: H18

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
H18	H18	Gluten Free Cutting & Flaking System	Gluten Free Oats	2.5 tph	CEH18	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
H18	PM/PM ₁₀	0.25 lb/hr	LCPH ATI 6725 / PTO 6534
	PM	0.1 gr/dscf	LCPH ATI 6725 / PTO 6534 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 6725 / PTO 6534 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Equipment

A baghouse shall be installed to control particulate emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control equipment at all times.

Authority for Requirement: LCPH ATI 6725 / PTO 6534

Operating Limits

Operating limits for this emission unit shall be:

- D. The installation of emission units intending to emit through EP-H18 that is not otherwise identified in the application for ATI 6725 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- E. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- F. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6725 / PTO 6534

Operating Condition Monitoring and Recordkeeping

Unless specified by a federal regulation, all records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives. Records shall be legible and maintained in an orderly manner. These records shall show the following:

- D. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
 - E. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.
 - F. The owner or operator shall maintain a record of all maintenance completed on the control device.
- Authority for Requirement: LCPH ATI 6725 / PTO 6534

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
H18	6725 / 6534	161	V	16	72	5937

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: H20**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
H20	H20	Oat Tube Cleaners Dust Collection	Oat Flakes	22 tph	CEH20A	Fabric Filter Low Temperature, T<180°F
					CEH20B	HEPA Filter

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
H20	PM/PM ₁₀	0.01 lb/hr	LCPH ATI 5797 / PTO 5502
	PM	0.1 gr/dscf	LCPH ATI 5797 / PTO 5502 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 5797 / PTO 5502 LCO 10.5(3)"b"

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5797 / PTO 5502

Operating Limits

The owner or operator of this equipment shall comply with the operational limits and requirements listed below:

- A. The installation of emission units intending to emit through EP-H20 that is not otherwise identified in the application for ATI 5797 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the High-Capacity HEPA Filter:
 - Readings over 3" w.g.
- D. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5797 / PTO 5502

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control devices (CE H20A and CE H20B) on a weekly basis.

B. Record all maintenance and repair work completed on the control devices (CE H20A and CE H20B).

Authority for Requirement: LCPH ATI 5797 / PTO 5502

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
H20	5797 / 5502	NA	I	NA	NA	2903

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: H21**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
H21	H21	Paper Trim Large Round	Oats	17 lbs/hr	CEH21	Fabric Filter Low Temperature T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
H21	PM/PM ₁₀	0.32 lb/hr	LCPH ATI 5740 / PTO 5466
	PM	0.1 gr/dscf	LCPH ATI 5740 / PTO 5466 567 IAC 23.3(2)(a)"1" LCO 10.9(1)"a"
	Opacity	No VE	LCPH ATI 5740 / PTO 5466 LCO 10.5(3)"b"

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5740 / PTO 5466

Operating Limits

The owner or operator of this equipment shall comply with the operational limits and requirements listed below:

- A. The installation of emission units intending to emit through EP-H21 that is not otherwise identified in the application for ATI 5740 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5740 / PTO 5466

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control device on a weekly basis.
- B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5740 / PTO 5466

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
H21	5740 / 5466	NA	I	NA	NA	7423

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: H22

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
H22	H22	Gluten Free Groat Receiving System	Gluten Free Oats	4 tph	CEH22	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
H22	PM/PM ₁₀	0.13 lb/hr	LCPH ATI 6726 / PTO 6535
	PM	0.1 gr/dscf	LCPH ATI 6726 / PTO 6535 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 6726 / PTO 6535 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Equipment

A baghouse shall be installed to control particulate emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control equipment at all times.

Authority for Requirement: LCPH ATI 6726 / PTO 6535

Operating Limits

Operating limits for this emission unit shall be:

- A. The installation of emission units intending to emit through EP-H22 that is not otherwise identified in the application for ATI 6726 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6726 / PTO 6535

Operating Condition Monitoring and Recordkeeping

Unless specified by a federal regulation, all records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives. Records shall be legible and maintained in an orderly manner. These records shall show the following:

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
 - B. The owner or operator shall maintain a record of all maintenance completed on the control device.
- Authority for Requirement: LCPH ATI 6726 / PTO 6535

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
H22	6726 / 6535	NA	I	NA	NA	3084

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: H23**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
H23	H23	IQG Line #2 Top Sealer	Grits	2.48 tph	CEH23	Wet Dust Collector

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
H23	PM/PM ₁₀	0.1 lb/hr	LCPH ATI 6755 / PTO 6537
	PM	0.1 gr/dscf	LCPH ATI 6755 / PTO 6537 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 6755 / PTO 6537 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Equipment

A wet dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control equipment at all times.

Authority for Requirement: LCPH ATI 6726 / PTO 6537

Operating Limits

Operating limits for this emission unit shall be:

- A. The installation of emission units intending to emit through EP-H23 that is not otherwise identified in the application for ATI 6755 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- B. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.
- C. The tank water level shall be maintained between 7.5" to 8.5".

Authority for Requirement: LCPH ATI 6755 / PTO 6537

Operating Condition Monitoring and Recordkeeping

Unless specified by a federal regulation, all records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives. Records shall be legible and maintained in an orderly manner. These records shall show the following:

- A. The owner or operator shall record all maintenance and repair work completed on the control device.
- B. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.
- C. The owner or operator shall monitor and record the tank water level on a weekly basis.

Authority for Requirement: LCPH ATI 6755 / PTO 6537

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
H23	6755 / 6537	39	H	12	70	3000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: J27**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
J27	J27	Storage Bin, C Mill Bin Annex, Bin #1	Grain Flours	6.25 tph	CEJ27	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
J27	PM/PM ₁₀	0.02 lb/hr	LCPH ATI 6298 / PTO 6098
	PM	0.1 gr/dscf	LCPH ATI 6298 / PTO 6098 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 6298 / PTO 6098 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector and Purolator® filter shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6298 / PTO 6098

Operating Limits

- A. The installation of emission units intending to emit through EP-J27 that is not otherwise identified in the application for ATI 6298 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6298 / PTO 6098

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure across the control device on a weekly basis.
 - B. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.
 - C. The owner or operator shall maintain a record of all maintenance completed on the control device.
- Authority for Requirement: LCPH ATI 6298 / PTO 6098

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
J27	6298 / 6098	179	D	6 x 6	Ambient	550

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No
Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: J28, J29, J30, J31, J32

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
J28	J28	Storage Bin, C Mill Bin Annex, Bin #2	Grain Flours	10 tph	CEJ28	Fabric Filter Low Temperature, T<180°F
J29	J29	Storage Bin, C Mill Bin Annex, Bin #6		10 tph	CEJ29	
J30	J30	Storage Bin, C Mill Bin Annex, Bin #7		20 tph	CEJ30	
J31	J31	Storage Bin, C Mill Bin Annex, Bin #3		10 tph	CEJ31	
J32	J32	Storage Bin, C Mill Bin Annex, Bin #5		10 tph	CEJ32	

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

General Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
J28, J29, J30, J31, J32	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCO 10.7

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: J33**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
J33	J33	Storage Bin, C Mill Bin Annex, Bin #10	Sugar	20 tph	CEJ33	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
J33	PM ₁₀	0.02 gr/dscf, 0.22 lb/hr, 0.98 tpy	LCPH ATI 3468 / PTO 3413
	Opacity	10%	
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be installed to control particulate emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 3468 / PTO 3413

Operating Limits

- A. The total sugar unloaded through this system shall not exceed 297,840,000 lb/year calculated on a 12-month rolling total basis.
- B. Airflow to the baghouse shall be limited to 1,306 dscfm. Any increase in airflow would be considered a major modification and would necessitate a new authorization to install permit.

Authority for Requirement: LCPH ATI 3468 / PTO 3413

Operating Condition Monitoring and Recordkeeping

If not specified elsewhere, all records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. The owner or operator shall monitor and record the differential pressure on a weekly basis.
 - B. The owner or operator shall record the total sugar unloaded on a daily basis.
 - C. The owner or operator shall record the 12-month rolling total of sugar unloaded through this system.
- These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 3468 / PTO 3413

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No
Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: J36, J45

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
J36	J36	Storage Bin, C Mill Bin Annex, Bin #16	Cereal By-Products	10 tph	CEJ36	Fabric Filter Low Temperature, T<180°F
J45	J45	Storage Bin, C Mill Bin Annex, Bin #16	Cereal By-Products	10 tph	CEJ45	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
J36	PM ₁₀	0.02 gr/dscf, 0.32 lb/hr, 1.42 tpy	LCPH ATI 2857 / PTO 3034
J45	PM ₁₀	0.02 gr/dscf, 0.34 lb/hr, 1.49 tpy	LCPH ATI 3876 / PTO 3929
J36, J45	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	10%	LCPH ATI 2857 / PTO 3034 LCPH ATI 3876 / PTO 3929
		20%	LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse (EPJ36) cartridge filter (EPJ45) shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 2857 / PTO 3034; LCPH ATI 3876 / PTO 3929

Operating Limits

Airflow to the baghouse shall be limited to 1,895 dscfm. **(J36)**

Airflow to the baghouse shall be limited to 1,979 dscfm. **(J45)**

Any increase in airflow would be considered a major modification and would necessitate a new authorization to install permit.

Authority for Requirement: LCPH ATI 2857 / PTO 3034; LCPH ATI 3876 / PTO 3929

Compliance Monitoring

The following information shall be monitored:

- Weekly pressure drop readings

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 2857 / PTO 3034; LCPH ATI 3876 / PTO 3929

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly pressure drop readings
- Records of all maintenance and repair completed on the control device

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 2857 / PTO 3034; LCPH ATI 3876 / PTO 3929

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: J46**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
J46	J46	C-Mill Annex Reject Dust Collector	Corn	0.1 tph	CEJ46	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
J46	PM/PM ₁₀	0.002 gr/dscf, 0.02 lb/hr, 0.10 tpy	LCPH ATI 4962 / PTO 4955
	Opacity	No VE	
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4962 / PTO 4955

Operating Limits

A) Life Lines #5/6 are limited to a process rate of 8,800 lbs/hr (combined).

Authority for Requirement: LCPH ATI 4962 / PTO 4955

Operation Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Maintain a record of all maintenance completed on the control device.
2. Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 4962 / PTO 4955

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
J46	4962/ 4955	90	H (I)	8 x 6	68	1375

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K03, K04, K05, K06, K07

Associated Equipment

EP	EU	EU Description	Raw Material/Fuel	Rated Capacity	CEID	CE Description
K03	K03	Package Building RTE #1 Product Dryer Separator	Mixed Grain Flours	2.2 tph	-	-
	K03A	Flash Dryer Burner	Natural Gas	0.004 mmcf/hr		
K04	K04	Package Building RTE #2 Product Dryer Separator	Mixed Grain Flours	2.2 tph		
	K04A	Flash Dryer Burner	Natural Gas	0.004 mmcf/hr		
K05	K05	Package Building RTE#1 Cereal Belt Dryer	Mixed Grain Flours	3.75 tph		
	K05A	Dryer Burners	Natural Gas	0.005 mmcf/hr		
K06	K06	Package Building RTE #2 Cereal Belt Dryer	Mixed Grain Flours	3.75 tph		
	K06A	Dryer Burners	Natural Gas	0.005 mmcf/hr		
K07	K07	Package Building RTE #3 Product Dryer Separator	Mixed Grain Flours	1.43 tph		
	K07A	Flash Dryer Burner	Natural Gas	0.004 mmcf/hr		

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K03	PM/ PM ₁₀	0.007 gr/scf, 0.48 lb/hr, 2.10 tpy	LCPH ATI 3744 / PTO 3817
K04	PM/ PM ₁₀	0.007 gr/scf, 0.47 lb/hr, 2.06 tpy	LCPH ATI 3745 / PTO 3818
K05	PM	0.01 gr/scf, 0.7 lb/hr, 3.07 tpy	LCPH ATI 3746 / PTO 3819
	PM ₁₀	0.007 gr/scf, 0.49 lb/hr, 2.15 tpy	
K06	PM	0.01 gr/scf, 0.68 lb/hr, 2.99 tpy	LCPH ATI 3747 / PTO 3820
	PM ₁₀	0.007 gr/scf, 0.48 lb/hr, 2.10 tpy	
K07	PM	0.009 gr/scf, 0.25 lb/hr, 1.12 tpy	LCPH ATI 4047 / PTO 4114
	PM ₁₀	0.006 gr/scf, 0.17 lb/hr, 0.74 tpy	
K03, K04, K05, K06, K07	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCO 10.7
	SO ₂	500 ppmv	567 IAC 23.3(3)"e" LCO 10.12(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

An inherent piece of process equipment (product separator or cyclone) is installed on this emission unit.
Authority for Requirement: LCPH ATI 3744 / PTO 3817; LCPH ATI 3745 / PTO 3818
LCPH ATI 3746 / PTO 3819; LCPH ATI 3747 / PTO 3820
LCPH ATI 4047 / PTO 4114

Operating Limits

Exhaust Airflow Rate: 7,943 scfm (K03)
Exhaust Airflow Rate: 7,773 scfm (K04)
Exhaust Airflow Rate: 8,141 scfm (K05)
Exhaust Airflow Rate: 7,970 scfm (K06)
Exhaust Airflow Rate: 3,300 scfm (K07)
Air Heater Heat Input: 4.0 MMBTU/hr (K03, K04, K07)
Air Heater Heat Input: 5.0 MMBTU/hr (K05, K06)
Authority for Requirement: LCPH ATI 3744 / PTO 3817; LCPH ATI 3745 / PTO 3818
LCPH ATI 3746 / PTO 3819; LCPH ATI 3747 / PTO 3820
LCPH ATI 4047 / PTO 4114

Monitoring Requirements

The following information shall be monitored:

- Weekly "no visible emissions" monitoring (non-certified observer)

Authority for Requirement: LCPH ATI 3744 / PTO 3817; LCPH ATI 3745 / PTO 3818
LCPH ATI 3746 / PTO 3819; LCPH ATI 3747 / PTO 3820
LCPH ATI 4047 / PTO 4114

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly "no visible emissions" monitoring (non-certified observer)
- Records of all maintenance and repair completed on the control device
- Copies of test results shall be retained until a new approved representative test is conducted or for 5 years, whichever is longer.

These records shall be available on site for viewing by air pollution control personnel.
Authority for Requirement: LCPH ATI 3744 / PTO 3817; LCPH ATI 3745 / PTO 3818
LCPH ATI 3746 / PTO 3819; LCPH ATI 3747 / PTO 3820
LCPH ATI 4047 / PTO 4114

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K08, K10**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K08	K08	Package Building RTE #1, Cereal Cooler	Mixed Grain Flours	3.75 tph	-	-
K10	K10	Package Building RTE #2, Cereal Cooler	Mixed Grain Flours	3.75 tph	-	-

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K08	PM	0.015 gr/scf, 0.91 lb/hr, 3.99 tpy	LCPH ATI 3748 / PTO 3821
	PM ₁₀	0.01 gr/scf, 0.61 lb/hr, 2.67 tpy	
K10	PM	0.015 gr/scf, 0.88 lb/hr, 3.86 tpy	LCPH ATI 3749 / PTO 3822
	PM ₁₀	0.01 gr/scf, 0.59 lb/hr, 2.58 tpy	

General Emission Limits.

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K08, K10	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 3748 / PTO 3821 LCPH ATI 3749 / PTO 3822 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits

Maximum Exhaust Airflow Rate: 7,078 scfm (**K08**)

Maximum Exhaust Airflow Rate: 6,859 scfm (**K10**)

RTE Extruders Package Building Lines #1 & #2 Total Maximum Process Rate (Output): 15,000 lb/hr (wet basis)

The dryer shall burn only natural gas.

Authority for Requirement: LCPH ATI 3748 / PTO 3821

LCPH ATI 3749 / PTO 3822

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Copies of test results shall be retained until a new approved representative test is conducted or for 5 years, whichever is longer.

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 3748 / PTO 3821

LCPH ATI 3749 / PTO 3822

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No
Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K11

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K11	K11	Package Building RTE #2 Base Product Cooling	Mixed Grain Flours	2.2 tph	K11	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K11	PM/PM ₁₀	0.01 gr/scf, 0.32 lb/hr, 1.40 tpy	LCPH ATI 3750 / PTO 3823
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 3750 / PTO 3823 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 3750 / PTO 3823

Operating Limits

RTE Extruders Package Building Lines #1 & #2 Total Maximum Process Rate (Output): 15,000 lb/hr (wet basis)

Exhaust Airflow Rate: 3700 scfm

Authority for Requirement: LCPH ATI 3750 / PTO 3823

Compliance Monitoring

The following information shall be monitored:

- Weekly pressure drop readings

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 3750 / PTO 3823

Record keeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly pressure drop readings
- Records of all maintenance and repair completed on the control device

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 3750 / PTO 3823

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No
Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K12**Associated Equipment**

EP	EU	EU Description	Raw Material/Fuel	Rated Capacity	CEID	CE Description
K12	K12	Package Building RTE #3 Cereal Belt Dryer	Mixed Grain Flours	3 tph	-	-
	K12A	Dryer Burners	Natural Gas	0.0055 mmcf/hr		

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K12	PM	0.012 gr/scf, 0.46 lb/hr, 2.03 tpy	LCPH ATI 5172 / PTO 5119
	PM ₁₀	0.008 gr/dscf, 0.31 lb/hr, 1.36 tpy	
	VOC	39 tpy	
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5172 / PTO 5119 LCO 10.7
	SO ₂	500 ppmv	LCPH ATI 5172 / PTO 5119 567 IAC 23.3(3)"e" LCO 10.12(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits

1. Natural gas shall be the only fuel combusted in the oven.
2. The RTE Extruder Package Building Line #3 maximum process rate (output) shall be limited to 6,000 lbs/hr (wet basis).
3. This source shall be limited to 78,000 lbs/year of VOC-containing ingredients. The amount of VOC emitted shall be tracked using a mass balance analysis based on ingredient flavors. When calculating VOC emissions from flavorings used, the facility will assume the following:
 - 100% of the ethyl alcohol (EA) content is emitted in the process
 - 100% of the propylene glycol (PG) content is emitted in the product

Authority for Requirement: LCPH ATI 5172 / PTO 5119

Operation Condition Monitoring and Recordkeeping Requirements

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Material Safety Data Sheets of all VOC-containing ingredients shall be retained.
2. The pounds used of all VOC-containing ingredients shall be tracked monthly and applied to a 12-month rolling total.

Authority for Requirement: LCPH ATI 5172 / PTO 5119

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K12	5172 / 5119	161	VR	15	231	4637

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K13**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K13	K13	Package Building RTE #3 Cereal Cooler	Mixed Grain Flours	3 tph	-	-

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K13	PM	0.008 gr/scf, 0.30 lb/hr, 1.31 tpy	LCPH ATI 4048 / PTO 4116
	PM ₁₀	0.005 gr/dscf, 0.19 lb/hr, 0.83 tpy	
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 4048 / PTO 4116 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits

RTE Extruder Package Building Line #3 Maximum Process Rate (Output): 6000 lb/hr (wet basis)

Exhaust Airflow Rate: 4400 scfm

Authority for Requirement: LCPH ATI 4048 / PTO 4116

Record keeping Requirements

A log of operation shall be maintained for the above listed unit. The following information shall be recorded and kept on site for a period of no less than five (5) years.

- Hourly Process Throughput Rate (calculated on a quarterly basis)
- Any changes in operation that would affect emissions, including changes in fan speed.

These records shall be available on site at all times for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 4048 / PTO 4116

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K17, K18, K19

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K17	K17	Life Line #1 Product Separator #2	Mixed Grain Flours	1.1 tph	-	-
K18	K18	Life Line #2 Product Separator #2	Mixed Grain Flours	1.1 tph	-	-
K19	K19	Life Line #3 Product Separator #2	Mixed Grain Flours	1.1 tph	-	-

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K17	PM/PM ₁₀	0.19 lb/hr	LCPH ATI 5702 / PTO 5504
K18	PM/PM ₁₀	0.19 lb/hr	LCPH ATI 5703 / PTO 5505
K19	PM/PM ₁₀	0.19 lb/hr	LCPH ATI 5704 / PTO 5506
K17, K18, K19	PM	0.1 gr/dscf	LCPH ATI 5702 / PTO 5504 LCPH ATI 5703 / PTO 5505 LCPH ATI 5704 / PTO 5506 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5702 / PTO 5504 LCPH ATI 5703 / PTO 5505 LCPH ATI 5704 / PTO 5506 LCO 10.7

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record "no visible emissions" observations on a weekly basis. An exceedance of no visible emissions will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the findings and corrective action taken.

Authority for Requirement: LCPH ATI 5702 / PTO 5504; LCPH ATI 5703 / PTO 5505
LCPH ATI 5704 / PTO 5506

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K17	5702 / 5504	150	V	14.25 x 12.5	96	4400
K18	5703 / 5505	150	V	14.25 x 12.5	90	4400
K19	5704 / 5506	150	V	14.25 x 12.5	102	4400

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K20**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K20	K20	Life Hot Extruder Exhaust Process	Mixed Grain Flours, Steam	5 tph	-	-

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K20	PM	0.1 gr/dscf	LCPH ATI 6717 / PTO 6476 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 6717 / PTO 6476 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Condition Monitoring and Recordkeeping

Unless specified by a federal regulation, all records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives. Records shall be legible and maintained in an orderly manner. These records shall show the following:

- A. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner or operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.

Authority for Requirement: LCPH ATI 6717 / PTO 6476

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K20	6717 / 6476	136	V	15	120	1177

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K21**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K21	K21	Life Scoring Rolls Exhaust Process	Mixed Grain Flours	4.6 tph	K21	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K21	PM / PM ₁₀	1.68 lb/hr, 7.36 tpy	LCPH ATI 3865 / PTO 3930
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	10%	LCPH ATI 3865 / PTO 3930
		20%	LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A cartridge filter shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 3865 / PTO 3930

Operating Limits

Airflow to the cartridge filter shall be limited to 9800 scfm. Any increase in airflow may necessitate a new authorization to install permit.

Authority for Requirement: LCPH ATI 3865 / PTO 3930

Compliance Monitoring

The following information shall be monitored:

- Weekly pressure drop readings

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 3865 / PTO 3930

Record keeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly pressure drop readings
- Records of all maintenance and repair completed on the control device

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 3865 / PTO 3930

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No
Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K22, K23, K24, K25, K26, K27, K28, K29, K30, K32, K41, K42, K43, K46, K48, K49, K50

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K22	K22	Life Line #1 Product Separator #1	Mixed Grain Flours	1.1 tph	-	-
K23	K23	Life Line #2 Product Separator #1	Mixed Grain Flours	1.1 tph	-	-
K24	K24	Life Line #3 Product Separator #1	Mixed Grain Flours	1.1 tph	-	-
K25	K25	Life Line #1 Cereal Belt Dryer	Mixed Grain Flours	1.1 tph	-	-
	K25A	Dryer Burners	Natural Gas	0.0025 mmcf/hr	-	-
K26	K26	Life Line #2 Cereal Belt Dryer	Mixed Grain Flours	1.1 tph	-	-
	K26A	Dryer Burners	Natural Gas	0.0025 mmcf/hr	-	-
K27	K27	Life Line #3 Cereal Belt Dryer	Mixed Grain Flours	1.1 tph	-	-
	K27A	Dryer Burners	Natural Gas	0.0025 mmcf/hr	-	-
K28	K28	Life Line #4 Product Separator #1	Mixed Grain Flours	1.1 tph	-	-
K29	K29	Life Line #1 Cereal Cooler	Mixed Grain Flours	1.1 tph	-	-
K30	K30	Life Line #2 Cereal Cooler	Mixed Grain Flours	1.1 tph	-	-
K32	K32	Life Line #3 Cereal Cooler	Mixed Grain Flours	1.1 tph	-	-
K41	K41	Storage Bin, C Mill Bin Annex, Bin #11	Grain Flours	5 tph	CEK41	Fabric Filter Low Temperature, T<180°F
K42	K42	Storage Bin, C Mill Bin Annex, Bin #8	Grain Flours	5 tph	CEK42	Fabric Filter Low Temperature, T<180°F
K43	K43	Life Regular Transfer / Conveying Process	Mixed Grain Flours	4.6 tph	CEK43	Fabric Filter Low Temperature, T<180°F
K46	K46	Storage Bin, C Mill Bin Annex, Bin #9	Grain Flours	10 tph	CEK46	Fabric Filter Low Temperature, T<180°F
K48	K48	Life Line #4 Cereal Belt Dryer	Mixed Grain Flours	1.1 tph	-	-
	K48A	Dryer Burners	Natural Gas	0.0025 mmcf/hr	-	-
K49	K49	Life Oven Canopy Exhaust Process	Mixed Grain Flours	4.6 tph	-	-
K50	K50	Life Line #4 Cereal Cooler	Mixed Grain Flours	1.1 tph	-	-

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

General Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K22, K23, K24, K25, K26, K27, K28, K29, K30, K32, K41, K42, K43, K46, K48, K49, K50	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCO 10.7
K25, K26, K27, K48	SO ₂	500 ppmv	567 IAC 23.3(3)"e" LCO 10.12(2)

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K51**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K51	K51	Life Line #4 Product Separator #2	Mixed Grain Flours	1.1 tph	-	-

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K51	PM/PM ₁₀	0.19 lb/hr	LCPH ATI 5705 / PTO 5467
	PM	0.1 gr/dscf	LCPH ATI 5705 / PTO 5467 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5705 / PTO 5467 LCO 10.7

Operating Condition Monitoring and Recordkeeping:

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record "no visible emissions" observations on a weekly basis. An exceedance of no visible emissions will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the findings and corrective action taken.

Authority for Requirement: LCPH ATI 5705 / PTO 5467

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K51	5705 / 5467	150	V	15	100	4400

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K52, K53, K54

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K52	K52	RTE Case Conveying / Pneumatic Scales Meta	Oats	25 tph	K52	Fabric Filter Low Temperature, T<180°F
K53	K53	Life Sanding Sugar Reclaim	Sugar	0.25 tph	K53	Fabric Filter Low Temperature, T<180°F
K54	K54	Life Sugar Storage Bin WHSE 6, 10 th Floor	Sugar	6 tph	K54	Fabric Filter Low Temperature, T<180°F

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K52	PM/PM ₁₀	0.21 lb/hr	LCPH ATI 6229 / PTO 6014
K53	PM/PM ₁₀	0.01 lb/hr	LCPH ATI 5736 / PTO 5459
K54	PM/PM ₁₀	0.03 lb/hr	LCPH ATI 6015 / PTO 5693
K52, K53, K54	Opacity	No VE	LCPH ATI 6229 / PTO 6014 LCPH ATI 5736 / PTO 5533 LCPH ATI 6015 / PTO 5693
K52	PM	0.1 gr/dscf	LCPH ATI 6229 / PTO 6014 567 IAC 23.4(7) LCO 10.9(1)"g"
K53, K54		0.1 gr/dscf	LCPH ATI 5736 / PTO 5533 LCPH ATI 6015 / PTO 5693 567 IAC 23.3(2)(a)"1" LCO 10.9(1)"a"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse (cartridge filter – EP K54) dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6229 / PTO 6014; LCPH ATI 5736 / PTO 5459
LCPH ATI 6015 / PTO 5693

Operating Limits

A. The installation of emission units intending to emit through EP-K52 (EP-K53) (EP-K54) that is not otherwise identified in the application for ATI 6229 (ATI 5736) (ATI 6015) and authorized to operate by this permit will require prior

authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6229 / PTO 6014; LCPH ATI 5736 / PTO 5459
LCPH ATI 6015 / PTO 5693

Operating Condition Monitoring and Recordkeeping:

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control device on a weekly basis.

B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 6229 / PTO 6014; LCPH ATI 5736 / PTO 5459
LCPH ATI 6015 / PTO 5693

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K52	6229 / 6014	NA	I	NA	NA	5000
K53	5736 / 5533	NA	I	NA	NA	244
K54	6015 / 5693	NA	I	NA	NA	750

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K55**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K55	K55	Life Trim Stock Conveying System	Mixed Grain Flours	0.25 tph	CEK55A	Fabric Filter Low Temperature, T<180°F
					CEK55B	HEPA Filter

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K55	PM/PM ₁₀	0.01 lb/hr	LCPH ATI 5798 / PTO 5503
	Opacity	No VE	
	PM	0.1 gr/dscf	LCPH ATI 5798 / PTO 5503 567 IAC 23.4(7) LCO 10.9(1)"g"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5798 / PTO 5503

Operating Limits

A. The installation of emission units intending to emit through EP-K55 that is not otherwise identified in the application for ATI 5798 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the High-Capacity HEPA Filter:

- Readings over 3" w.g.

D. The control equipment on this unit shall be maintained and operated

Authority for Requirement: LCPH ATI 5798 / PTO 5503

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control devices (CE K55A and CE K55B) on a weekly basis.

B. Record all maintenance and repair work completed on the control devices (CE K55A and CE K55B).

Authority for Requirement: LCPH ATI 5798 / PTO 5503

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K55	5798 / 5503	NA	I	NA	NA	3578

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for CAM Plan.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K56**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K56	K56	RTE Case Conveying / Pneumatic Scales Twin Pack	Oats	25 tph	CEK56	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K56	PM/PM ₁₀	0.21 lb/hr	LCPH ATI 6230 / PTO 6015
	PM	0.1 gr/dscf	LCPH ATI 6230 / PTO 6015 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 6230 / PTO 6015 LCCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A cartridge filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6230 / PTO 6015

Operating Limits

- A. The installation of emission units intending to emit through EP-DB07 that is not otherwise identified in the application for ATI 6230 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 6230 / PTO 6015

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control device on a weekly basis.

B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 6227 / PTO 6015

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K56	6230 / 6015	NA	I	NA	NA	5000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K58**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K58	K58	Life Cinnamon Transfer / Conveying Process	Mixed Grain Flours	4.6 tph	K58	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K58	PM	5.4 lb/hr, 24 tpy	LCPH ATI 2083 / PTO 2220
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCO 10.7

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Yes No **Facility Maintained Operation & Maintenance Plan Required?**Yes No **Compliance Assurance Monitoring (CAM) Plan Required?**

Authority for Requirement: 567 IAC 22.108(3)

Yes No

Emission Point ID Number: K59**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K59	K59	Package Building RTE #3 Remill / Transfer System	Mixed Grain Flours	1.43 tph	K59	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K59	PM ₁₀	0.02 gr/dscf, 0.31 lb/hr, 1.38 tpy	LCPH ATI 2527 / PTO 3038
	Opacity	10%	
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 2527 / PTO 3038

Operating Limits

Airflow to the baghouse shall be limited to 1840 dscfm. Any increase in airflow would be considered a major modification and would necessitate a new authorization to install permit.

Authority for Requirement: LCPH ATI 2527 / PTO 3038

Compliance Monitoring

The following information shall be monitored:

- Weekly pressure drop readings

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 2527 / PTO 3038

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly pressure drop readings
- Records of all maintenance and repair completed on the control device

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 2527 / PTO 3038

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No
Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K64**Associated Equipment**

EP	EU	EU Description	Raw Material/Fuel	Rated Capacity	CEID	CE Description
K64	K64	Package Building RTE #4 Product Dryer Separator	Mixed Grain Flours	2 tph	-	-
	K64A	Dryer Burners	Natural Gas	0.004 mmcf/hr		

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K64	PM/ PM ₁₀	0.0081 gr/dscf, 0.30 lb/hr, 1.31 tpy	LCPH ATI 3153 / PTO 3429
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 3153 / PTO 3429 LCO 10.7
	SO ₂	500 ppmv	567 IAC 23.3(3)"e" LCO 10.12(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

An inherent piece of process equipment (product separator or cyclone) is installed on this emission unit.
Authority for Requirement: LCPH ATI 3153 / PTO 3429

Operating Limits

RTE Extruder Package Building Line #4 Maximum Process Rate (output): 7500 lb/hr (wet basis)
Maximum Heat Input: 4 MMBtu/hr
Exhaust Airflow Rate: 4281 scfm
The flash dryer shall burn only natural gas.
Authority for Requirement: LCPH ATI 3153 / PTO 3429

Compliance Testing & Monitoring Requirements

The following information shall be monitored:

- Weekly "no visible emissions" monitoring (non-certified observer)

Authority for Requirement: LCPH ATI 3153 / PTO 3429

Recordkeeping Requirements

A log of operation shall be maintained for the above listed unit. The following information shall be recorded and kept on site for a period of no less than five (5) years.

- Weekly "no visible emissions" monitoring (non-certified observer)
- Any changes in operation that would affect emissions, including changes in fan speed
- Records of all maintenance and repair completed on the control device
- Copies of test results shall be retained until a new approved representative test is conducted or for five (5) years, whichever is longer.

These records shall be available on site at all times for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 3153 / PTO 3429

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K65**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K65	K65	Package Building RTE #4 Base Product Dust Collection	Mixed Grain Flours	2 tph	K65	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K65	PM/ PM ₁₀	0.00525 gr/dscf, 0.20 lb/hr, 0.88 tpy	LCPH ATI 3154 / PTO 3430
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 3154 / PTO 3430 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A dust collector shall be used to control particulate emissions. The control device shall be operated at all times when any equipment controlled by the control device is operating. The control device shall be maintained on this source in a good operating condition at all times.

All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 3154 / PTO 3430

Operating Limits

RTE Extruder Package Building Line #4 Maximum Process Rate (Output): 7500 lb/hr (wet basis)

Exhaust Airflow Rate: 4446 scfm

Authority for Requirement: LCPH ATI 3154 / PTO 3430

Compliance Testing & Monitoring Requirements

The following information shall be monitored:

- Weekly pressure drop readings when operating
- All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 3154 / PTO 3430

Record keeping Requirements

A log of operation shall be maintained for the above listed unit. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly pressure drop readings
- Records of all maintenance and repair completed on the control device
- Copies of test results shall be retained until a new approved representative test is conducted or for five years, whichever is longer.

Authority for Requirement: LCPH ATI 3154 / PTO 3430

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No
Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K68**Associated Equipment**

EP	EU	EU Description	Raw Material/Fuel	Rated Capacity	CEID	CE Description
K68	K68	Package Building RTE #4 Cereal Belt Dryer	Mixed Grain Flours	3.5 tph	-	-
	K68A	Dryer Burners	Natural Gas	0.004 mmcf/hr		

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K68	PM	0.0186 gr/dscf, 1.12 lb/hr, 4.91 tpy	LCPH ATI 3157 / PTO 3431
	PM ₁₀	0.014 gr/scf, 0.84 lb/hr, 3.68 tpy	
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 3157 / PTO 3431 LCO 10.7
	SO ₂	500 ppmv	567 IAC 23.3(3)"e" LCO 10.12(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits

RTE Extruder Package Building Line #4 Maximum Process Rate (Output): 7500 lb/hr (wet basis)

Burner Design Rate: 4 MMBtu/hr heat input

Exhaust Air Flow Rate: 7000 scfm

The oven shall burn only natural gas.

Authority for Requirement: LCPH ATI 3157 / PTO 3431

Record keeping Requirements

A log of operation shall be maintained for the above listed unit. The following information shall be recorded and kept on site for a period of no less than five (5) years.

- Any changes in operation that would affect emissions, including changes in fan speed
- Copies of test results shall be retained until a new approved representative test is conducted or for five years, whichever is longer.

Authority for Requirement: LCPH ATI 3157 / PTO 3431

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required?

Yes No

Compliance Assurance Monitoring (CAM) Plan Required?

Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K69**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K69	K69	Package Building RTE #4 Cereal Cooler	Mixed Grain Flours	3.5 tph	-	-

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K69	PM	0.0158 gr/scf, 0.82 lb/hr, 3.59 tpy	LCPH ATI 3158 / PTO 3432
	PM ₁₀	0.014 gr/scf, 0.73 lb/hr, 3.20 tpy	
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 3158 / PTO 3432 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits

RTE Extruder Package Building Line #4 Maximum Process Rate (Output): 7500 lb/hr (wet basis)

Exhaust Air Flow Rate: 6058 scfm

Authority for Requirement: LCPH ATI 3158 / PTO 3432

Recordkeeping Requirements

A log of operation shall be maintained for the above listed unit. The following information shall be recorded and kept on site for a period of no less than five (5) years.

- Any changes in operation that would affect emissions, including changes in fan speed

These records shall be available on site at all times for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 3158 / PTO 3432

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required?

Yes No

Compliance Assurance Monitoring (CAM) Plan Required?

Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K70**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K70	K70	Package Building RTE #4 Peanut Butter Cooler	Mixed Grain Flours, Peanut Butter	3.75 tph	-	-

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K70	PM	0.015 gr/dscf, 1.74 lb/hr, 7.62 tpy	LCPH ATI 4091 / PTO 4118
	PM ₁₀	0.009 gr/scf, 1.04 lb/hr, 4.56 tpy	
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 4091 / PTO 4118 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits

RTE Extruder Package Building Line #4 Maximum Process Rate (Output): 7500 lb/hr (wet basis)

Exhaust Airflow Rate: 13,500 scfm

Authority for Requirement: LCPH ATI 4091 / PTO 4118

Compliance Monitoring

The following information shall be monitored:

- Hourly Process Throughput Rate (calculated on a quarterly basis)

Authority for Requirement: LCPH ATI 4091 / PTO 4118

Recordkeeping Requirements

A log of operation shall be maintained for the above listed unit. The following information shall be recorded and kept on site for a period of no less than five (5) years.

- Hourly Process Throughput Rate (calculated on a quarterly basis)

These records shall be available on site at all times for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 4091 / PTO 4118

Reporting

Submit a quarterly report summarizing the following item by the 15th of each month for the previous quarter (January 15, April 15, July 15, and October 15).

- Quarterly production rate of RTE line #4

Authority for Requirement: LCPH ATI 4091 / PTO 4118

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No
Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K72**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K72	K72	Oat Squares System #15	Mixed Grain Flours	3.75 tph	CEK72	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K72	PM/ PM ₁₀	0.18 lb/hr	LCPH ATI 5856 / PTO 5622
	PM	0.1 gr/dscf	LCPH ATI 5856 / PTO 5622 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5856 / 5622 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A cartridge filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5856 / PTO 5622

Operating Limits

- A. The installation of emission units intending to emit through EP-K72 that is not otherwise identified in the application for ATI 5856 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:
 - Readings over 8" w.g.
 - Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.
- C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5856 / PTO 5622

Operating Condition Monitoring and Recordkeeping

If not specified elsewhere, all records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Monitor and record the differential pressure across the control device on a weekly basis.
 - B. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis. An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit, make corrections to operations or equipment associated with the exceedance, and record the corrective action taken.
 - C. Record all maintenance and repair work completed on the control device.
- Authority for Requirement: LCPH ATI 5856 / PTO 5622

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K72	5856 / 5622	162	D	14	92	5390

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No
Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K73**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K73	K73	Package Building RTE #4 By-Products System	Processed Mixed Grain Flours	3.5 tph	K73	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K73	PM/ PM ₁₀	0.00525 gr/dscf, 0.03 lb/hr, 0.13 tpy	LCPH ATI 3317 / PTO 3435
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 3317 / PTO 3435 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A dust collector shall be used to control particulate emissions. The control device shall be operated at all times when any equipment controlled by the control device is operating. The control device shall be maintained on this source in a good operating condition at all times.

All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 3317 / PTO 3435

Operating Limits

RTE Extruder Package Building Line #4 Maximum Process Rate (Output): 7500 lb/hr (wet basis)

Exhaust Air Flow Rate: 620 scfm

Authority for Requirement: LCPH ATI 3317 / PTO 3435

Compliance Testing & Monitoring Requirements

The following information shall be monitored:

- Weekly pressure drop readings when operating
- All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 3317 / PTO 3435

Recordkeeping Requirements

A log of operation shall be maintained for the above listed unit. The following information shall be recorded and kept on site for a period of no less than five (5) years.

- Weekly pressure drop readings
- Any changes in operation that would affect emissions, including changes in fan speed
- Records of all maintenance and repair completed on the control device

Authority for Requirement: LCPH ATI 3317 / PTO 3435

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No
Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K76**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K76	K76	Life Manufacturing Lines 5/6 Cinnamon Dump Station	Cinnamon	0.10 tph	CEK76	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K76	PM/PM ₁₀	0.002 gr/dscf, 0.01 lb/hr, 0.06 tpy	LCPH ATI 4963 / PTO 4956
	Opacity	No VE	
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4963 / PTO 4956

Operating Limits

A) Life Lines #5/6 are limited to a process rate of 8,800 lbs/hr (combined).

Authority for Requirement: LCPH ATI 4963 / PTO 4956

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Maintain a record of all maintenance completed on the control device.
2. Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 4963/ PTO 4956

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K76	4963 / 4956	105	H (I)	6 x 6	68	770

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K78**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K78	K78	Life Sugar Reclaim System	Sugar, Mixed Grain Flours	3 tph	K78	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K78	PM ₁₀	0.02 gr/dscf, 0.38 lb/hr, 1.65 tpy	LCPH ATI 3937 / PTO 3943
	Opacity	10%	
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 3937 / PTO 3943 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A cartridge filter shall be used to control particulate emissions. The control equipment shall be maintained on this source in a good operating condition at all times. All appropriate probes and gauges needed to measure the parameters outlined in "Compliance Monitoring" shall be installed and maintained in a good operating condition.

Authority for Requirement: LCPH ATI 3937 / PTO 3943

Operating Limits

Airflow to the baghouse shall be limited to 2200 dscfm. Any increase in airflow would be considered a major modification and would necessitate a new authorization to install permit.

Authority for Requirement: LCPH ATI 3937 / PTO 3943

Compliance Monitoring

The following information shall be monitored:

- Weekly pressure drop readings

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 3937 / PTO 3943

Recordkeeping Requirements

A logbook of operation shall be maintained for this source. The following information shall be recorded and kept on site for a period of no less than five years.

- Weekly pressure drop readings
- Records of all maintenance and repair for cartridge filter

These records shall be available on site for viewing by air pollution control personnel.

Authority for Requirement: LCPH ATI 3937 / PTO 3943

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No
Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K79**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K79	K79	Life Manufacturing #5/6 Blender / Extruder Exhaust	Mixed Grain Flours	4.4 tph	K79	Dynamic Separator - Wet

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K79	PM/PM ₁₀	0.002 gr/dscf, 0.01 lb/hr, 0.04 tpy	LCPH ATI 4970 / PTO 4963
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 4970 / PTO 4963 LCO 10.7

Operational Limits & Requirements

The owner/operator of the equipment shall comply with the operational limits and requirements listed below.

Control Device

A rotoclone wet dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition and Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4970 / PTO 4963

Operating Limits

- A) Life Lines #5/6 are limited to a process rate of 8,800 lbs/hr (combined).
- B) Minimum water flow through the scrubber shall be maintained at 1.6 gallons/minute at all times during extruder operation.

Authority for Requirement: LCPH ATI 4970 / PTO 4963

Operating Condition and Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1) Maintain a record of all maintenance completed on the control device.
- 2) Maintain a record of weekly water flow readings.
- 3) Process throughput rates are documented under EP 994 (K94).

All monitors shall be easily accessible to air pollution personnel.

Authority for Requirement: LCPH ATI 4970 / PTO 4963

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K79	4970 / 4963	21	H	10	94	612

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K80**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K80	K80	Life Mfg Lines 5/6 Cinnamon Transfer	Cinnamon	0.10 tph	CEK80	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K80	PM/PM ₁₀	0.004 gr/dscf, 0.01 lb/hr, 0.03 tpy	LCPH ATI 4964 / PTO 4957
	Opacity	No VE	
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4964 / PTO 4957

Operating Limits

A) Life Lines #5/6 are limited to a process rate of 8,800 lbs/hr (combined).

Authority for Requirement: LCPH ATI 4964 / PTO 4957

Operating Condition Monitoring and Recordkeeping Requirements

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Maintain a record of all maintenance completed on the control device.
2. Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 4964 / PTO 4957

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K80	4964 / 4957	21	D (I)	4	100	200

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K81**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K81	K81	Life Line #5/6 Product Separator	Mixed Grain Flours	4.4 tph	-	-

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K81	PM/PM ₁₀	0.004 gr/dscf, 0.12 lb/hr, 0.53 tpy	LCPH ATI 4971 / PTO 4964
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 4971 / PTO 4964 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

This is an uncontrolled source. An inherent piece of process equipment (product separator/cyclone) is installed on this emission unit.

Authority for Requirement: LCPH ATI 4971 / PTO 4964

Operating Limits

A) Life Lines #5/6 are limited to a process throughput rate of 8,800 lbs/hr (combined).

Authority for Requirement: LCPH ATI 4971 / PTO 4964

Operating Condition and Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

There are no recordkeeping requirements for this permitted source. Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 4971 / PTO 4964

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K81	4971 / 4964	21	H	10	124	3520

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required?

Yes No

Compliance Assurance Monitoring (CAM) Plan Required?

Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K82, K83**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K82	K82	Life Manufacturing #5/6 Pellet Cooler & Conveying	Mixed Grain Flours	4.4 tph	-	-
K83	K83	Life Line #5/6 Product Separator #2	Mixed Grain Flours	4.4 tph	-	-

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K82	PM/PM ₁₀	0.015 gr/dscf, 0.34 lb/hr, 1.49 tpy	LCPH ATI 4972 / PTO 4965
K83	PM/PM ₁₀	0.004 gr/dscf, 0.17 lb/hr, 0.74 tpy	LCPH ATI 4973 / PTO 4966
K82, K83	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 4972 / PTO 4965 LCPH ATI 4973 / PTO 4966 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

This is an uncontrolled source. An inherent piece of process equipment (product separator/cyclone) is installed on this emission unit.

Authority for Requirement: LCPH ATI 4972 / PTO 4965; LCPH ATI 4973 / PTO 4966

Operating Limits

A) Life Lines #5/6 are limited to a process throughput rate of 8,800 lbs/hr (combined).

Authority for Requirement: LCPH ATI 4972 / PTO 4965; LCPH ATI 4973 / PTO 4966

Operating Condition and Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

There are no recordkeeping requirements for this permitted source. Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 4972 / PTO 4965; LCPH ATI 4973 / PTO 4966

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K82	4972 / 4965	21	H	12.5 x 9.5	109	2641
K83	4973 / 4966	40	H	10	129	5000

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K84, K85, K86

Associated Equipment

EP	EU	EU Description	Raw Material/Fuel	Rated Capacity	CEID	CE Description
K84	K84	Life Line #5 Belt Dryer Zone 1	Mixed Grain Flours	4.4 tph	-	-
	K84A	Dryer Burners	Natural Gas	0.0024 mmcf/hr		
K85	K85	Life Line #5 Belt Dryer Zone 2	Mixed Grain Flours	4.4 tph		
	K85A	Dryer Burners	Natural Gas	0.0024 mmcf/hr		
K86	K86	Life Line #5 Belt Dryer Zone 3	Mixed Grain Flours	4.4 tph		
	K86A	Dryer Burners	Natural Gas	0.0024 mmcf/hr		

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K84	PM	0.33 lb/hr	LCPH ATI 5488 / PTO 5254
	PM ₁₀	0.15 lb/hr	
K85	PM	0.17 lb/hr	LCPH ATI 5489 / PTO 5255
	PM ₁₀	0.17 lb/hr	
K86	PM	0.14 lb/hr	LCPH ATI 5490 / PTO 5256
	PM ₁₀	0.14 lb/hr	
K84, K85, K86	PM	0.1 gr/dscf	LCPH ATI 5488 / PTO 5254 LCPH ATI 5489 / PTO 5255 LCPH ATI 5490 / PTO 5256 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5488 / PTO 5254 LCPH ATI 5489 / PTO 5255 LCPH ATI 5490 / PTO 5256 LCO 10.7
	SO ₂	500 ppmv	LCPH ATI 5488 / PTO 5254 LCPH ATI 5489 / PTO 5255 LCPH ATI 5490 / PTO 5256 567 IAC 23.3(3)"e" LCO 10.12(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits

A) Life Lines #5/#6 are limited to a process rate of 8,800 lbs/hr (combined).

B) Fuel use in the dryer shall be limited to natural gas only.

Authority for Requirement: LCPH ATI 5488 / PTO 5254; LCPH ATI 5489 / PTO 5255

LCPH ATI 5490 / PTO 5256

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1) Monitor and record "no visible emissions" on a weekly basis.
 - 2) Process throughput rates are documented under EP 994 (K94).
 - 3) Maintain records which indicate natural gas is the only fuel used for combustion.
- Authority for Requirement: LCPH ATI 5488 / PTO 5254; LCPH ATI 5489 / PTO 5255
LCPH ATI 5490 / PTO 5256

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K84	5488 / 5254	38	V	16	396	1771
K85	5489 / 5255	38	V	16	435	1488
K86	5490 / 5256	38	V	15	409.5	1607

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

- Agency Approved Operation & Maintenance Plan Required?** Yes No
See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.
- Facility Maintained Operation & Maintenance Plan Required?** Yes No
- Compliance Assurance Monitoring (CAM) Plan Required?** Yes No
Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K87**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K87	K87	Life Line #5 Belt Cooler / Canopy Exhaust	Mixed Grain Flours	4.4 tph	-	-

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K87	PM	0.78 lb/hr	LCPH ATI 5491 / PTO 5257
	PM ₁₀	0.29 lb/hr	
	PM	0.1 gr/dscf	LCPH ATI 5491 / PTO 5257 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5491 / PTO 5257 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits

A) Life Lines #5/#6 are limited to a process rate of 8,800 lbs/hr (combined).

Authority for Requirement: LCPH ATI 5491 / PTO 5257

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1) Monitor and record "no visible emissions" on a weekly basis.

2) Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 5491 / PTO 5257

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K87	5491 / 5257	41	V	24	106.4	10357

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required?

Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required?

Yes No

Compliance Assurance Monitoring (CAM) Plan Required?

Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K88, K89, K90

Associated Equipment

EP	EU	EU Description	Raw Material/Fuel	Rated Capacity	CEID	CE Description
K88	K88	Life Line #6 Belt Dryer Zone 1	Mixed Grain Flours	4.4 tph	-	-
	K88A	Dryer Burners	Natural Gas	0.0024 mmcf/hr		
K89	K89	Life Line #6 Belt Dryer Zone 2	Mixed Grain Flours	4.4 tph		
	K89A	Dryer Burners	Natural Gas	0.0024 mmcf/hr		
K90	K86	Life Line #6 Belt Dryer Zone 3	Mixed Grain Flours	4.4 tph		
	K90A	Dryer Burners	Natural Gas	0.0024 mmcf/hr		

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K88	PM	0.16 lb/hr	LCPH ATI 5492 / PTO 5258
	PM ₁₀	0.16 lb/hr	
K89	PM	0.17 lb/hr	LCPH ATI 5493 / PTO 5259
	PM ₁₀	0.17 lb/hr	
K90	PM	0.18 lb/hr	LCPH ATI 5494 / PTO 5260
	PM ₁₀	0.18 lb/hr	
K88, K89, K90	PM	0.1 gr/dscf	LCPH ATI 5492 / PTO 5258 LCPH ATI 5493 / PTO 5259 LCPH ATI 5494 / PTO 5260 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5492 / PTO 5258 LCPH ATI 5493 / PTO 5259 LCPH ATI 5494 / PTO 5260 LCO 10.7
	SO ₂	500 ppmv	LCPH ATI 5492 / PTO 5258 LCPH ATI 5493 / PTO 5259 LCPH ATI 5494 / PTO 5260 567 IAC 23.3(3)"e" LCO 10.12(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits

A) Life Lines #5/#6 are limited to a process rate of 8,800 lbs/hr (combined).

B) Fuel use in the dryer shall be limited to natural gas only.

Authority for Requirement: LCPH ATI 5492 / PTO 5258; LCPH ATI 5493 / PTO 5259

LCPH ATI 5494 / PTO 5260

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1) Monitor and record "no visible emissions" on a weekly basis.
 - 2) Process throughput rates are documented under EP 994 (K94).
 - 3) Maintain records which indicate natural gas is the only fuel used for combustion.
- Authority for Requirement: LCPH ATI 5492 / PTO 5258; LCPH ATI 5493 / PTO 5259
LCPH ATI 5494 / PTO 5260

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K88	5492 / 5258	38	V	16	492	1430
K89	5493 / 5259	38	V	16	476	1459
K90	5494 / 5260	38	V	16	374	1586

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K91

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K91	K91	Life Line #6 Belt Cooler / Canopy Exhaust	Mixed Grain Flours	4.4 tph	-	-

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K91	PM	0.36 lb/hr	LCPH AIT 5495 / PTO 5261
	PM ₁₀	0.36 lb/hr	
	PM	0.1 gr/dscf	LCPH ATI 5495 / PTO 5261 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 5495 / PTO 5261 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits

A) Life Lines #5/#6 are limited to a process rate of 8,800 lbs/hr (combined).

Authority for Requirement: LCPH ATI 5495 / PTO 5261

Operation Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1) Monitor and record "no visible emissions" on a weekly basis.
- 2) Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 5495 / PTO 5261

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K91	5495 / 5261	41	V	24	120	7670

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K92**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K92	K92	Life Manufacturing #5/6 Finished Product Dust Collection	Mixed Grain Flours	4.4 tph	CEK92	2 Parallel Fabric Filter Low Temperature, T<180°F
					CEK92A	

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K92	PM/PM ₁₀	0.002 gr/dscf, 0.18 lb/hr, 0.79 tpy	LCPH ATI 4982 / PTO 4975
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 4982 / PTO 4975 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operating Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4982 / PTO 4975

Operating Limits

A) Life Lines #5/6 are limited to a process rate of 8,800 lbs/hr (combined).

Authority for Requirement: LCPH ATI 4982 / PTO 4975

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A) Monitor and record the pressure differential across the dust collector on a weekly basis.

B) Maintain a record of all maintenance completed on the control device.

C) Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 4982 / PTO 4975

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K92	4982 / 4975	40	V	24	111	10682

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K94**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K94	K94	Life Manufacturing #5/6 Packaging Dust Collection	Mixed Grain Flours	4.4 tph	CEK94	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K94	PM/PM ₁₀	0.006 gr/dscf, 0.49 lb/hr, 2.15 tpy	LCPH ATI 4983 / PTO 4976
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	20%	LCPH ATI 4982 / PTO 4975 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse dust collector shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operation Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4983 / PTO 4976

Operating Limits

A) Life Lines #5/6 are limited to a process rate of 8,800 lbs/hr (combined).

Authority for Requirement: LCPH ATI 4983 / PTO 4976

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Monitor and record the pressure differential across the dust collector on a weekly basis.
2. Maintain a record of all maintenance completed on the control device.
3. Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 4983 / PTO 4976

Reporting

Submit a quarterly report summarizing the following item by the 15th of each month for the previous quarter (Jan. 15, April 15, July 15, and Oct. 15).

- 1) Quarterly production rate of Life Lines #5/6

Authority for Requirement: LCPH ATI 4983 / PTO 4976

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K94	4983 / 4976	84	H	16	103	9545

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K96**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K96	K96	Life Manufacturing Lines #5/6 Pellet Mixing & Conveying	Cereal	4.4 tph	CEK96	Dynamic Separator – Wet
		Life Manufacturing Lines #5/6 Pellet Trimstock				

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K96	PM/PM ₁₀	0.004 gr/dscf, 0.03 lb/hr	LCPH ATI 6127 / PTO 5917
	PM	0.1 gr/dscf	LCPH ATI 6127 / PTO 5917 567 IAC 23.4(7) LCO 10.9(1)"g"
	Opacity	No VE	LCPH ATI 6127 / PTO 5917 LCCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A rotoclone shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operation Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 6127 / PTO 5917

Operating Limits

- A) The installation of emission units intending to emit through EP-K96 that is not otherwise identified in the application for ATI 6171 and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.
- B) The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.
- C) Life Lines #5/6 are limited to a process rate of 8,800 lbs/hr (combined).

Authority for Requirement: LCPH ATI 6127 / PTO 5917

Operation Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A) Record all maintenance and repair work completed on the control device.
- B) Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 6127 / PTO 5917

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K96	6127 / 5917	28	D (I)	18	68	968

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K97**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K97	K97	Life Manufacturing Line #5 Sugar Receiver	Sugar	1 tph	CEK97	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K97	PM/PM ₁₀	0.05 gr/dscf, 0.03 lb/hr, 0.12 tpy	LCPH ATI 4967 / PTO 4960
	Opacity	No VE	
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operation Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4967 / PTO 4960

Operating Limits

- A) Life Lines #5/6 are limited to a process rate of 8,800 lbs/hr (combined).
- B) Only one sugar receiver (K97 or K98) can operate any given time.

Authority for Requirement: LCPH ATI 4967 / PTO 4960

Operating Condition Monitoring and Recordkeeping Requirements

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Maintain a record of all maintenance completed on the control device.
2. Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 4967 / PTO 4960

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K97	4967 / 4960	20	H (I)	4 x 4	68	64

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K98**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K98	K98	Life Manufacturing Line #6 Sugar Receiver	Sugar	1 tph	CEK98	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K98	PM/PM ₁₀	0.05 gr/dscf, 0.03 lb/hr, 0.12 tpy	LCPH ATI 4968 / PTO 4961
	Opacity	No VE	
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operation Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4968 / PTO 4961

Operating Limits

- A) Life Lines #5/6 are limited to a process rate of 8,800 lbs/hr (combined).
- B) Only one sugar receiver (K97 or K98) can operate any given time.

Authority for Requirement: LCPH ATI 4967 / PTO 4960

Operation Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- 1. Maintain a record of all maintenance completed on the control device.
- 2. Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 4967 / PTO 4960

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K98	4968 / 4961	20	H (I)	4 x 4	68	64

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: K99**Associated Equipment**

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
K99	K99	Life Lines 5/6 Dry Mix Dust Collector	Cereal	4.4 tph	CEK99	Fabric Filter Low Temperature, T<180°F

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
K99	PM/PM ₁₀	0.002 gr/dscf, 0.04 lb/hr, 0.17 tpy	LCPH ATI 4969 / PTO 4962
	Opacity	No VE	
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO 10.9(1)"g"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A baghouse shall be used to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in condition "Operation Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 4969 / PTO 4962

Operating Limits

A) Life Lines #5/6 are limited to a process rate of 8,800 lbs/hr (combined).

Authority for Requirement: LCPH ATI 4969 / PTO 4962

Operating Condition Monitoring and Recordkeeping

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

1. Maintain a record of all maintenance completed on the control device.
2. Process throughput rates are documented under EP 994 (K94).

Authority for Requirement: LCPH ATI 4969 / PTO 4962

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
K99	4969 / 4962	20	H (I)	6 x 6	68	768

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: L01, L02

Associated Equipment

EP	EU	EU Description	Fuel	Rated Capacity (mmBTU/hr)	CEID	CE Description
L01	L01	Boiler #1	Natural Gas	11.824	--	--
	L02	Boiler #2		11.824		
	L03	Boiler #3		11.824		
	L04	Boiler #4		11.824		
	L05	Boiler #5		11.824		
L02	L06	Boiler #6	Natural Gas	11.824	--	--
	L07	Boiler #7		11.824		
	L08	Boiler #8		11.824		
	L09	Boiler #9		11.824		
	L10	Boiler #10		11.824		

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
L01, L02	PM/PM ₁₀	0.44 lb/hr	LCPH ATI 5816 / PTO 5613 LCPH ATI 5817 / PTO 5614
	NO _x	2.9 lb/hr	LCPH ATI 5816 / PTO 5613 LCPH ATI 5817 / PTO 5614
	PM	0.1 gr/dscf	LCPH ATI 5816 / PTO 5613 LCPH ATI 5817 / PTO 5614 567 IAC 23.4(7) LCO 10.9(1)"g"
		0.339 lb/mmBTU	LCPH ATI 5816 / PTO 5613 LCPH ATI 5817 / PTO 5614 LCO 10.8(2)"b"
	SO ₂	500 ppmv	LCPH ATI 5816 / PTO 5613 LCPH ATI 5817 / PTO 5614 567 IAC 23.3(3)"e" LCO 10.12(2)
	Opacity	20%	LCPH ATI 5816 / PTO 5613 LCPH ATI 5817 / PTO 5614 LCO 10.7

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

NSPS and NESHAP Applicability

In general, the federal standards of performance for new stationary sources (new source performance standards) shall be applicable as specified in LCCO 10.9.2 and 567 IAC 23.1(2). The federal standards for hazardous air pollutants (national emission standards for hazardous air pollutants) shall be applicable as specified in LCCO 10.9.3 and 567 IAC 23.1(3). The federal standards for hazardous air pollutants for source categories (national emission standards for hazardous air pollutants for source categories) shall be applicable as specified in LCCO 10.9.4 and 567 IAC 23.1(4).

- A. The New Source Performance Standards (NSPS), 40 CFR 60, Subpart A General Provisions and 40 CFR 60 Subpart Dc shall apply to this source pursuant to LCCO 10.9(2)"a"(64) and 567 IAC 23.1(2)"III".

Authority for Requirement: LCPH ATI 5816 / PTO 5613; LCPH ATI 5817 / PTO 5614

Operating Limits

- A. The owner or operator shall meet the monitoring requirements of 40 CFR §60.13 [NSPS Subpart A] to comply with LCCO 10.9.2.
- B. The owner or operator shall meet the applicable requirements of 40 CFR 60 §§ 40c – 48c [NSPS Subpart Dc] to comply with LCCO 10.9.2(64).
- C. Fuel in EU's L01-L05 shall be limited to natural gas.

Authority for Requirement: LCPH ATI 5816 / PTO 5613; LCPH ATI 5817 / PTO 5614

Operating Condition Monitoring and Recordkeeping

If not specified elsewhere, all records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

- A. Initial notification and recordkeeping shall be performed in accordance with 40 CFR §60.7 to comply with LCCO 10.9.2(64).
- B. Recordkeeping for NSPS Subpart Dc shall be done in accordance with 40 CFR §60.48c.
- C. Reporting for NSPS Subpart Dc shall be done in accordance with 40 CFR §60.48c.
- D. Maintain fuel supplier certifications of the sulfur content of all fuels burned in accordance with 40 CFR §60.48c(f).

Authority for Requirement: LCPH ATI 5816 / PTO 5613; LCPH ATI 5817 / PTO 5614

Reporting Requirements

The following information shall be submitted to this department by the 30th of January and July for the previous six-month reporting period.

- 1) In accordance with 40 CFR §60.48c(j) a semi-annual report containing the information recorded under 40 CFR §60.48c(e) shall be submitted.

Authority for Requirement: LCPH ATI 5816 / PTO 5613; LCPH ATI 5817 / PTO 5614

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
L01	5816 / 5613	171	VR	36	300 ±25 (average)	13085
L02	5817 / 5614	171	VR	36	300 ±25 (average)	13085

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: S01, S02, S03, S04, S05, S06, S07, S08, S09, S10, S11, S12, S13, S14, S16, S17, S18, S19

Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CEID	CE Description
S01	S01	Oat Squares System #1	Wheat Flour	3.75 tph output	CES01	Cartridge Filter
S02	S02	Oat Squares System #2	Wheat Flour		CES02	Cartridge Filter
S03	S03	Oat Squares System #3	Maltodextrin		CES03	Cartridge Filter
S04	S04	Oat Squares System #4	Malted Barley		CES04	Cartridge Filter
S05	S05	Oat Squares System #5	Sodium Bicarbonate		CES05	Baghouse
S06	S06	Oat Squares System #6	Sodium Bicarbonate		CES06	Baghouse
S07	S07	Oat Squares System #7	Calcium Carbonate		CES07	Cartridge Filter
S08	S08	Oat Squares System #8	Calcium Carbonate		CES08	Cartridge Filter
S09	S09	Oat Squares System #9	Dry Mix		CES09	Cartridge Filter
S10	S10	Oat Squares System #10	Dry Cereal Mix		CES10	Cartridge Filter
S11	S11	Oat Squares System #11	Dry Cereal Mix		CES11	Cartridge Filter
S12	S12	Oat Squares System #12	Dry Cereal Mix		CES12	Cartridge Filter
S13	S13	Oat Squares System #13	Dry Cereal Mix		CES13	Cartridge Filter
S14	S14	Oat Squares System #14	Dry Cereal Mix		CES14	Baghouse
S16	S16	Oat Squares System #16	Dry Cereal Mix		CES16	Cartridge Filter
S17	S17	Oat Squares System #17	Dry Cereal Mix		CES17	Cartridge Filter
S18	S18	Oat Squares System #18	Dry Cereal Mix		CES18	Cartridge Filter
S19	S19	Oat Squares System #19	Oat Flour		CES19	Cartridge Filter

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
S01	PM / PM ₁₀	0.01 lb/hr	LCPH ATI 5842 / PTO 5621
S02		0.04 lb/hr	LCPH ATI 5843 / PTO 5623
S03		0.01 lb/hr	LCPH ATI 5844 / PTO 5624
S04		0.01 lb/hr	LCPH ATI 5845 / PTO 5625
S05		0.02 lb/hr	LCPH ATI 5846 / PTO 5626
S06		0.01 lb/hr	LCPH ATI 5847 / PTO 5627
S07		0.02 lb/hr	LCPH ATI 5848 / PTO 5628
S08		0.01 lb/hr	LCPH ATI 5849 / PTO 5629
S09		0.01 lb/hr	LCPH ATI 5850 / PTO 5630
S10		0.04 lb/hr	LCPH ATI 5851 / PTO 5631
S11		0.01 lb/hr	LCPH ATI 5852 / PTO 5632
S12		0.01 lb/hr	LCPH ATI 5853 / PTO 5633
S13		0.01 lb/hr	LCPH ATI 5854 / PTO 5634

EP	Pollutant	Emission Limit(s)	Authority for Requirement
S14		0.11 lb/hr	LCPH ATI 5855 / PTO 5635
S16		0.04 lb/hr	LCPH ATI 5857 / PTO 5636
S17		0.04 lb/hr	LCPH ATI 5858 / PTO 5637
S18		0.02 lb/hr	LCPH ATI 5859 / PTO 5638
S19		0.03 lb/hr	LCPH ATI 6080 / PTO 5788
S01, S02, S03, S04, S09, S10, S11, S12, S13, S14, S16, S17, S18, S19	PM	0.1 gr/dscf	LCPH ATI 5842 / PTO 5621 LCPH ATI 5843 / PTO 5623 LCPH ATI 5844 / PTO 5624 LCPH ATI 5845 / PTO 5625 LCPH ATI 5850 / PTO 5630 LCPH ATI 5851 / PTO 5631 LCPH ATI 5852 / PTO 5632 LCPH ATI 5853 / PTO 5633 LCPH ATI 5854 / PTO 5634 LCPH ATI 5855 / PTO 5635 LCPH ATI 5857 / PTO 5636 LCPH ATI 5858 / PTO 5637 LCPH ATI 5859 / PTO 5638 LCPH ATI 6080 / PTO 5788 567 IAC 23.4(7) LCO 10.9(1)"g"
S05, S06, S07, S08	PM	0.1 gr/dscf	LCPH ATI 5846 / PTO 5626 LCPH ATI 5847 / PTO 5627 LCPH ATI 5848 / PTO 5628 LCPH ATI 5849 / PTO 5629 567 IAC 23.3(2)(a)"1" LCO 10.9(1)"a"
S01, S02, S03, S04, S05, S06, S07, S08, S09, S10, S11, S12, S13, S14, S16 S17, S18, S19	Opacity	No VE	LCPH ATI 5842 / PTO 5621 LCPH ATI 5843 / PTO 5623 LCPH ATI 5844 / PTO 5624 LCPH ATI 5845 / PTO 5625 LCPH ATI 5846 / PTO 5626 LCPH ATI 5847 / PTO 5627 LCPH ATI 5848 / PTO 5628 LCPH ATI 5849 / PTO 5629 LCPH ATI 5850 / PTO 5630 LCPH ATI 5851 / PTO 5631 LCPH ATI 5852 / PTO 5632 LCPH ATI 5853 / PTO 5633 LCPH ATI 5854 / PTO 5634 LCPH ATI 5855 / PTO 5635 LCPH ATI 5857 / PTO 5636 LCPH ATI 5858 / PTO 5637 LCPH ATI 5859 / PTO 5638 LCPH ATI 6080 / PTO 5788 LCO 10.5(3)"b"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Control Device

A cartridge filter dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operation Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5842 / PTO 5621; LCPH ATI 5843 / PTO 5623
LCPH ATI 5844 / PTO 5624; LCPH ATI 5845 / PTO 5625

LCPH ATI 5848 / PTO 5628; LCPH ATI 5849 / PTO 5629
LCPH ATI 5850 / PTO 5630; LCPH ATI 5851 / PTO 5631
LCPH ATI 5852 / PTO 5632; LCPH ATI 5853 / PTO 5633
LCPH ATI 5854 / PTO 5634; LCPH ATI 5857 / PTO 5636
LCPH ATI 5858 / PTO 5637; LCPH ATI 5859 / PTO 5638
LCPH ATI 6080 / PTO 5788

A baghouse dust collector shall be installed to control particulate matter emissions. The control equipment shall be maintained properly and operated at all times the air pollution source is in operation. All appropriate probes, monitors and gauges needed to measure the parameters outlined in "Operation Condition Monitoring and Recordkeeping" shall be installed, maintained and operating during the operation of the emission unit and control device at all times.

Authority for Requirement: LCPH ATI 5846 / PTO 5626; LCPH ATI 5847 / PTO 5627
LCPH ATI 5855 / PTO 5628

Operating Limits: S01-S08, S16, S18, S19

A. The installation of emission units intending to emit through (EP-S01, EP-S02, EP-S03, EP-S04, EP-S05, EP-S06, EP-S07, EP-S08, EP-S16, EP-S18) that is not otherwise identified in the application for (ATI 5842, ATI 5843, ATI 5844, ATI 5845, ATI 5846, ATI 5847, ATI 5848, ATI 5849, ATI 5857, ATI 5859) and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5842 / PTO 5621; LCPH ATI 5843 / PTO 5623
LCPH ATI 5844 / PTO 5624; LCPH ATI 5845 / PTO 5625
LCPH ATI 5846 / PTO 5626; LCPH ATI 5847 / PTO 5627
LCPH ATI 5848 / PTO 5628; LCPH ATI 5849 / PTO 5629
LCPH ATI 5857 / PTO 5636; LCPH ATI 5859 / PTO 5638
LCPH ATI 6080 / PTO 5788

Operating Limits: S09-S14, S17

A. The installation of emission units intending to emit through (EP-S09, EP-S10, EP-S11, EP-S12, EP-S13, EP-S14, EP-S17) that is not otherwise identified in the application for (ATI 5850, ATI 5851, ATI 5852, ATI 5853, ATI 5854, ATI 5855, ATI 5858) and authorized to operate by this permit will require prior authorization in accordance with LCCO 10.5.2 Permits for Authorization to Install.

B. Timely corrective action as defined within LCCO 10.14(1)(d) must be initiated when the following conditions are observed for the dust collector:

- Readings over 8" w.g.
- Pressure drops exceeding 1.5" w.g. from the previously recorded pressure drop while the dust collector is operating.

C. The control equipment on this unit shall be maintained and operated according to the manufacturer's specifications and good operating practices.

Authority for Requirement: LCPH ATI 5850 / PTO 5630; LCPH ATI 5851 / PTO 5631
LCPH ATI 5852 / PTO 5632; LCPH ATI 5853 / PTO 5633
LCPH ATI 5854 / PTO 5634; LCPH ATI 5855 / PTO 5635
LCPH ATI 5858 / PTO 5637

Operating Condition Monitoring and Recordkeeping: S01-S08, S16, S18, S19

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5842 / PTO 5621; LCPH ATI 5843 / PTO 5623
LCPH ATI 5844 / PTO 5624; LCPH ATI 5845 / PTO 5625
LCPH ATI 5846 / PTO 5626; LCPH ATI 5847 / PTO 5627

LCPH ATI 5848 / PTO 5628; LCPH ATI 5849 / PTO 5629
 LCPH ATI 5857 / PTO 5636; LCPH ATI 5859 / PTO 5638
 LCPH ATI 6080 / PTO 5788

Operating Condition Monitoring and Recordkeeping: S09-S14, S17

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Linn County Air Quality Division and other federal or state air pollution regulatory agencies and their authorized representatives.

A. Monitor and record the differential pressure across the control device on a weekly basis.

B. Record all maintenance and repair work completed on the control device.

Authority for Requirement: LCPH ATI 5850 / PTO 5630; LCPH ATI 5851 / PTO 5631

LCPH ATI 5852 / PTO 5632; LCPH ATI 5853 / PTO 5633

LCPH ATI 5854 / PTO 5634; LCPH ATI 5855 / PTO 5635

LCPH ATI 5858 / PTO 5637

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP	LCPH ATI / PTO	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Exhaust Temp. (°F)	Exhaust Flowrate (scfm)
S01	5842 / 5621	Sources exhaust internal to the building				320
S02	5843 / 5623					1250
S03	5844 / 5624					320
S04	5845 / 5625					320
S05	5846 / 5626					865
S06	5847 / 5627					320
S07	5848 / 5628					865
S08	5849 / 5629					320
S09	5850 / 5630					320
S10	5851 / 5631					1250
S11	5852 / 5632					320
S12	5853 / 5633					320
S13	5854 / 5634					320
S14	5855 / 5635					4406
S16	5857 / 5636					1250
S17	5858 / 5637					1290
S18	5859 / 5638					650
S19	6080 / 5788					320

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request to the Department within thirty (30) days of the discovery to determine if a permit amendment is required or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: S49, S50

Associated Equipment

EP	EU	EU Description	Fuel	Rated Capacity	CEID	CE Description
S49	INS49	Emergency Fire Pump	Diesel Fuel	115 bhp	--	--
S50	INS50	G Mill Emergency Generator	Natural Gas	1.6 MMBtu/hr	--	--

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

General Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
S49, S50	PM	0.6 lb/MMBtu	567 IAC 23.3(2)(b)"2" LCO 10.8(2)"a"
	Opacity	20%	LCO 10.7
S49	SO ₂	1.5 lb/MMBtu (Maximum 2 hour average)	LCO 10.12(1)"b"
S50	SO ₂	500 ppmv	567 IAC 23.3(3)"e" LCO 10.12(2)

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

NESHAP Applicability

This equipment is subject to the National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE NESHAP) [40 CFR Part 63 Subpart ZZZZ].

Authority for Requirement: 40 CFR Part 63 Subpart ZZZZ

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: EUICE51, EUICE52, EUICE53**Associated Equipment**

EP	EU	EU Description	Fuel	Rated Capacity	CEID	CE Description
ICE51	ICE51	A-Mill Generator -1	Natural Gas	224 bhp	--	--
ICE52	ICE52	A-Mill Generator – 2	Natural Gas	189 bhp	--	--
ICE53	ICE53	D-Mill Generator	Natural Gas	224 bhp	--	--

Applicable Requirements**Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)**

The emissions from this emission point shall not exceed the levels specified below.

NSPS Emission Limits

EP	Pollutant	Emission Limit(s)	Authority for Requirement
ICE51, ICE52, ICE53	NOx	2.0 grams/HP-hr	40 CFR §60.4233
	CO	4.0 grams/HP-hr	
	VOC	1.0 grams/HP-hr ⁽¹⁾	
ICE51, ICE52, ICE53	PM	0.6 lb/mmBTU	567 IAC 23.3(2)(b)(2) LCO 10.8(2)"a"
	SO ₂	500 ppmv	567 IAC 23.3(3)"e" LCO 10.12(2)
	Opacity	20%	LCO 10.7

(1) Formaldehyde emissions are not included

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

NSPS Applicability

In general, the federal standards of performance for new stationary sources (new source performance standards) shall be applicable as specified in LCCO 10.9.2 and 567 IAC 23.1(2). The federal standards for hazardous air pollutants (national emission standards for hazardous air pollutants) shall be applicable as specified in LCCO 10.9.3 and 567 IAC 23.1(3). The federal standards for hazardous air pollutants for source categories (national emission standards for hazardous air pollutants for source categories) shall be applicable as specified in LCCO 10.9.4 and 567 IAC 23.1(4).

- A. The New Source Performance Standards (NSPS), 40 CFR 60, Subpart A General Provisions and 40 CFR 60 Subpart JJJJ shall apply to these emission units pursuant to LCCO 10.9(2)"a"(78) and 567 IAC 23.1(2)"yyy".

Authority for Requirement: LCPH Registration Permits for EP's ICE51, ICE52 and ICE53

The permittee shall comply with all applicable requirements of 40 CFR Part 60, Subpart JJJ. Below is the specific requirements outlined in the Stationary Spark Ignition Internal Combustion Engines < 400 bhp Registration Permits for ICE51, ICE52 and ICE53. For a full explanation of all requirements and to view the subpart in its entirety, please refer to the web link in Appendix A.

Summary of Compliance Requirements for Owners and Operators

- A. Engines subject to Subpart JJJJ are required to meet emission standards. These standards are summarized in the appendix to this form. The engine must be operated and maintained to meet the applicable emission standards over the life of the engine.
- B. Engines that burn gasoline must meet gasoline sulfur standards of 30 ppm per gallon as a refinery or importer average and 80 ppm per gallon as a per-gallon cap. See 40 CFR §80.195.

- C. Engines that are modified or reconstructed must meet the emission limits specified in Table E of the appendix to this form. Owners and operators of these engines must also comply with what is required for a non-certified engine.

Engine Certification Requirements

- A. The following groups of SI engines must be certified by the manufacturer to comply with emission standards in the subpart: SI engines with a maximum engine power of less than 25 HP, SI engines that use gasoline and have a maximum engine power greater than 25 HP, and SI engines that use LPG, are rich burn engines and have a maximum engine power greater than 25 HP.
- B. Other groups of engines may be certified by the manufacturer to comply with the emission standards.

Requirements for certified SI engines

- A. Owners and operators of SI engines that are required to be certified and who operate and maintain the engine according to the manufacturer's written instructions must keep records of required maintenance.
- B. Owners and operators must keep a record from the manufacturer that the engine meets the emission standards.
- C. Owners and operators of SI engines that are not required to be certified may purchase an engine that is certified by the manufacturer to comply with the emission standards. The engine must be maintained according to the manufacturer's written instructions and records of required maintenance must be kept.
- D. Engines that are required to be certified that are not operated and maintained according to manufacturer's written instructions are considered to be non-certified engines. Owners and operators of such a non-certified SI engine must keep a maintenance plan and records of conducted maintenance and must maintain and operate the engine in a manner consistent with good air pollution control practice to minimize emissions. An initial performance test is required if the engine is rated at 100 HP or greater.

Requirements for non-certified SI engines

- A. Owners and operators of non-certified SI engines that are not required to be certified must keep a maintenance plan and records of conducted maintenance and must maintain and operate the engine in a manner consistent with good air pollution control practice to minimize emissions.
- B. Owners and operators must keep a record of the documentation that the engine meets the emission standards.
- C. Owners and operators of a non-certified SI engine that is rated at 100 HP or greater must conduct an initial performance test within 1 year of engine start-up. Testing must be done in accordance with 40 CFR §60.4244. Owners and operators are required to notify the Linn County Public Health Air Quality Division 30 days prior to the test date and are required to submit a stack test report to the Linn County Public Health Department Air Quality Division within six (6) weeks after the test has been conducted.

Emergency Engine Requirements for Owners and Operators

- A. Owners and operators of an emergency SI engine that is 130 HP or greater and that was built on or after January 1, 2011 and that does not meet the applicable standards for a non-emergency engine must install a non-resettable hour meter.
- B. Owners and operators of an emergency SI engine that is less than 130 HP and that does not meet the applicable standards for a non-emergency engine must install a non-resettable hour meter upon start-up.
- C. The engine may be operated for the purpose of maintenance checks and readiness testing a maximum of 100 hours/year. There is no time limit on use for emergency situations.
- D. The engine may be operated for up to 50 hours per year for non-emergency purposes. This operating time cannot be used to generate income for the facility (e.g. supplying power to the grid) and should be included in the total of 100 hours allowed for maintenance checks and readiness testing.

- E. Owners and operators of an emergency engine must keep records of all operation of the engine. The owner must record the time of operation of the engine and the reason the engine was in operation.
- F. Owner and operators of natural gas SI engines may use propane as an alternative fuel for up to 100 hours per year during emergency operations.

Annual Reporting Requirements

- A. The owner or operator shall submit the following information no later than January 31st of each year for the previous calendar year:
 - 1. Engine Operation Log

Appendix to LCPH AQD SI Engine Registration Form (Form 2009-JJJJ)

Spark Ignition Engines Emission Standards
40 CFR Part 60, Subpart JJJJ

Table A. Emission Standards for Engines ≤ 19 kW (25 HP)
(based on 40 CFR §90.103)

Limits in grams/KW-hr (grams/HP-hr)

Engine Class ⁽¹⁾	Manufacture Date	HC + NOx	NMHC + NOx ⁽²⁾	CO
I – A	July 1, 2008+	50 (37)	-----	610 (455)
I – B	July 1, 2008+	40 (30)	37 (27.6)	610 (455)
I	July 1, 2008+	16.1 (12.0)	14.8 (11.0)	610 (455)
II	July 1, 2008+	12.1 (9.0)	11.3 (8.4)	610 (455)

- (1) Class I-A: Engines with displacement < 66 cubic centimeters (cc); Class I-B: Engines with a displacement ≥ 66 cc and < 100 cc; Class I: Engines with displacement ≥ 100 cc and < 225 cc; Class II: Engines with a displacement ≥ 225 cc.
- (2) NMHC + NOx standards are applicable only to natural gas fuel engines at the option of manufacturer in lieu of HC + NOx standards.

Table B. Emission Standards for Non-Emergency Gasoline and Rich Burn⁽³⁾ LPG (liquefied petroleum gas) Engines > 19 kW (25 HP) and for Emergency Gasoline and Rich Burn LPG Engines ≥ 100 kW (130 HP)

(based on 40 CFR §1048.101 – see rule for alternative standards)

Limits in grams/KW-hr (grams/HP-hr)

Maximum Engine Power	Manufacture Date ⁽⁴⁾	HC + NOx	CO
19 < kW < 300 (25 < HP < 400)	July 1, 2008+	2.7 (2.0)	4.4 (3.3)
{100 ≤ kW < 300 for emergency engines}	July 1, 2008+ (severe duty ⁽⁵⁾)	2.7 (2.0)	130 (97.0)

- (3) A rich burn engine is a four stroke spark ignited engine where the manufacturer's recommended operating air/fuel ratio divided by the stoichiometric air/fuel ratio at full load is less than or equal to 1.1.
- (4) Date of manufacture for emergency engines is January 1, 2009.
- (5) Severe-duty engines are used in, for example, concrete saws, concrete pumps and similar severe applications where air-cooled engines must be used.

Table C. Emission Standards for Non-Emergency SI Internal Combustion Engines > 19 kW (25 HP) and < 75 kW (100 HP), Except for Gasoline and Rich Burn LPG Engines

(based on 40 CFR §1048.101 – see §60.4233(d) for alternative standard)

Limits in grams/KW-hr (grams/HP-hr)

Maximum Engine Power	Manufacture Date	HC + NOx	CO
19 < kW < 75 (25 < HP < 100)	July 1, 2008+	3.8 (2.9)	6.5 (4.9)
	July 1, 2008+ (severe duty)	3.8 (2.9)	200 (149)

Table D. Emission Standards for Non-Emergency and Emergency SI Internal Combustion Engines ≥ 75 kW (100 HP) and < 300 kW (400 HP) , Except for Gasoline and LPG Rich Burn Engines
(based on Table 1 to subpart JJJJ)

Limits are in grams per horsepower-hour and parts per million by volume dry at 15% O₂

Engine Type and Fuel	Maximum Engine Power	Manufacture Date	Emission Standards					
			g/HP-hr			ppmvd at 15% O ₂		
			NOx	CO	VOC ⁽⁶⁾	NOx	CO	VOC
Non-emergency Natural gas and Non-emergency Lean burn LPG	100 \leq HP < 400	July 1, 2008+	2.0	4.0	1.0	160	540	86
		January 1, 2011+	1.0	2.0	0.7	82	270	60
Landfill/digester gas	HP < 400	July 1, 2008+	3.0	5.0	1.0	220	610	80
		January 1, 2011+	2.0	5.0	1.0	150	610	80
Emergency	25 < HP < 130	January 1, 2009+	10 ⁽⁷⁾	387	N/A	N/A	N/A	N/A
	HP \geq 130	January 1, 2009+	2.0	4.0	1.0	160	540	86

⁽⁶⁾ Formaldehyde emissions are not included

⁽⁷⁾ Limit for HC + NOx

Table E. Emission Standards for Modified or Reconstructed SI Engines
(based on Part 60, subpart JJJJ - §60.4233(f)(1) through (f)(5))

Maximum Engine Power	Engine Type/Fuel	Emission Standards		
kW \leq 19 (HP \leq 25)	All	Same as Table A		
kW > 19 (HP > 25)	Gasoline	Same as Table B and Table D		
kW > 19 (HP > 25)	Rich burn LPG	Same as Table B and Table D		
19 < kW < 75 (25 < HP < 100)	Emergency Natural gas or lean burn LPG	Same as Table C		
75 \leq kW < 97.5 (100 \leq HP < 130)	Emergency Natural gas or lean burn LPG	Same as Table D		
		g/HP-hr (ppmvd @ 15%O ₂)		
		NOx	CO	VOC
97.5 \leq kW < 300 (130 \leq HP < 400)	Emergency natural gas or lean burn LPG	3.0 (250)	4.0 (540)	1.0 (86)
kW > 19 (HP > 25)	Non-emergency natural gas or lean burn LPG	3.0 (250)	4.0 (540) ⁽⁸⁾	1.0 (86)
kW > 19 (HP > 25)	Landfill/digester gas	Same as Table D		

⁽⁸⁾ Limit is 5.0 g/HP-hr (675 ppmvd) for non-emergency engines rated at less than 100 HP (75 kW).

Table F. Emission Standards for 4SLB SI engines, With a Rating Greater Than 250 HP, Located at Major Sources of HAPs (based on Table 2a to Part 63, subpart ZZZZ)

Engine Type	Emission Standards
4 Stroke lean burn	Reduce CO emissions by 93% or more ⁽⁹⁾ ; or formaldehyde emissions not to exceed 14 ppmvd at 15% O ₂

⁽⁹⁾ Engines meeting this limit do not need to also comply with CO limit from Subpart JJJJ.

Table G. Operating Limits for 4SLB SI Engines, With a Rating Greater Than 250 HP, Located at Major Sources of HAPs (based on Table 2b to Part 63, subpart ZZZZ)

Control Type	Operating Limit
Oxidation catalyst for CO or formaldehyde control	Maintain catalyst so that pressure drop does not change by more than 2 inches H ₂ O at 100 % load plus or minus 10% from the pressure drop measured during initial stack test; and maintain exhaust temperature so that the catalyst inlet temperature is between 450° F and 1350°F.
Not using an oxidation catalyst for CO or formaldehyde control	Comply with operating limits approved by Administrator

NESHAP Applicability

In general, the federal standards of performance for new stationary sources (new source performance standards) shall be applicable as specified in LCCO 10.9.2 and 567 IAC 23.1(2). The federal standards for hazardous air pollutants (national emission standards for hazardous air pollutants) shall be applicable as specified in LCCO 10.9.3 and 567 IAC 23.1(3). The federal standards for hazardous air pollutants for source categories (national emission standards for hazardous air pollutants for source categories) shall be applicable as specified in LCCO 10.9.4 and 567 IAC 23.1(4).

- A. The National Emission Standards for Hazardous Air Pollutants (NESHAP) *Subpart National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines* shall apply to these emission units pursuant to LCCO 10.9(4)"zzzz" and 567 IAC 23.1(4) "cz".

According to §63.6590(c) these compression ignited, emergency engines must meet the requirements of this subpart by meeting the requirements of 40 CFR Part 60, Subpart JJJJ. No further requirements apply for these engines under this part.

Monitoring Requirements

The owner/operator of this equipment shall comply with the periodic monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

See Plant-Wide Periodic Monitoring Section for Agency O & M Plan.

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

IV. General Conditions

This permit is issued under the authority of the Iowa Code subsection 455B.133(8) and in accordance with 567 Iowa Administrative Code chapter 22 and Linn County Code of Ordinance (LCCO) Chapter 10, paragraph 10.4.

G1. Duty to Comply

1. The permittee must comply with all conditions of the Title V permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action; for a permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. *567 IAC 22.108(9)"a"*
2. Any compliance schedule shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it is based. *567 IAC 22.105 (2)"h"(3)*
3. Where an applicable requirement of the Act is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, both provisions shall be enforceable by the administrator and are incorporated into this permit. *567 IAC 22.108 (1)"b"*
4. Unless specified as either "state enforceable only" or "local program enforceable only", all terms and conditions in the permit, including provisions to limit a source's potential to emit, are enforceable by the administrator and citizens under the Act. *567 IAC 22.108 (14)*
5. It shall not be a defense for a permittee, in an enforcement action, that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. *567 IAC 22.108 (9)"b"*
6. For applicable requirements with which the permittee is in compliance, the permittee shall continue to comply with such requirements. For applicable requirements that will become effective during the permit term, the permittee shall meet such requirements on a timely basis. *567 IAC 22.108(15)"c"*

G2. Permit Expiration

1. Except as provided in rule 567—22.104(455B), permit expiration terminates a source's right to operate unless a timely and complete application for renewal has been submitted in accordance with rule 567—22.105(455B). *567 IAC 22.116(2)*
2. To be considered timely, the owner, operator, or designated representative (where applicable) of each source required to obtain a Title V permit shall submit on forms or electronic format specified by the Department to the Air Quality Bureau, Iowa Department of Natural Resources, Air Quality Bureau, 7900 Hickman Rd, Suite #1, Windsor Heights, Iowa 50324, two copies (three if your facility is located in Linn or Polk county) of a complete permit application, at least 6 months but not more than 18 months prior to the date of permit expiration. An additional copy must also be sent to U.S. EPA Region VII, Attention: Chief of Air Permits, 11201 Renner Blvd., Lenexa, KS 66219. Additional copies to local programs or EPA are not required for application materials submitted through the electronic format specified by the Department. The application must include all emission points, emission units, air pollution control equipment, and monitoring devices at the facility. All emissions generating activities, including fugitive emissions, must be included. The definition of a complete application is as indicated in 567 IAC 22.105(2). *567 IAC 22.105*

G3. Certification Requirement for Title V Related Documents

Any application, report, compliance certification or other document submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. All certifications shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. *567 IAC 22.107 (4)*

G4. Annual Compliance Certification

By March 31 of each year, the permittee shall submit compliance certifications for the previous calendar year. The certifications shall include descriptions of means to monitor the compliance status of all emissions sources including emissions limitations, standards, and work practices in accordance with applicable requirements. The certification for a source shall include the identification of each term or condition of the permit that is the basis of the certification; the compliance status; whether compliance

was continuous or intermittent; the method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with all applicable department rules. For sources determined not to be in compliance at the time of compliance certification, a compliance schedule shall be submitted which provides for periodic progress reports, dates for achieving activities, milestones, and an explanation of why any dates were missed and preventive or corrective measures. The compliance certification shall be submitted to the administrator, director, and Linn County Public Health Air Quality Division. 567 IAC 22.108 (15)"e"

G5. Semi-Annual Monitoring Report

By March 31 and September 30 of each year, the permittee shall submit a report of any monitoring required under this permit for the 6 month periods of July 1 to December 31 and January 1 to June 30, respectively. All instances of deviations from permit requirements must be clearly identified in these reports, and the report must be signed by a responsible official, consistent with 567 IAC 22.107(4). The semi-annual monitoring report shall be submitted to the director and Linn County Public Health Air Quality Division. 567 IAC 22.108 (5)

G6. Annual Fee

1. The permittee is required under subrule 567 IAC 22.106 to pay an annual fee based on the total tons of actual emissions of each regulated air pollutant. Beginning July 1, 1996, Title V operating permit fees will be paid on July 1 of each year. The fee shall be based on emissions for the previous calendar year.
2. The fee amount shall be calculated based on the first 4,000 tons of each regulated air pollutant emitted each year. The fee to be charged per ton of pollutant will be available from the department by June 1 of each year. The Responsible Official will be advised of any change in the annual fee per ton of pollutant.
3. The following forms shall be submitted annually by March 31 documenting actual emissions for the previous calendar year.
 - a. Form 1.0 "Facility Identification";
 - b. Form 4.0 "Emissions unit-actual operations and emissions" for each emission unit;
 - c. Form 5.0 "Title V annual emissions summary/fee"; and
 - d. Part 3 "Application certification."
4. The fee shall be submitted annually by July 1. The fee shall be submitted with the following forms:
 - a. Form 1.0 "Facility Identification";
 - b. Form 5.0 "Title V annual emissions summary/fee";
 - c. Part 3 "Application certification."
5. If there are any changes to the emission calculation form, the department shall make revised forms available to the public by January 1. If revised forms are not available by January 1, forms from the previous year may be used and the year of emissions documented changed. The department shall calculate the total statewide Title V emissions for the prior calendar year and make this information available to the public no later than April 30 of each year.
6. Phase I acid rain affected units under section 404 of the Act shall not be required to pay a fee for emissions which occur during the years 1993 through 1999 inclusive.
7. The fee for a portable emissions unit or stationary source which operates both in Iowa and out of state shall be calculated only for emissions from the source while operating in Iowa.
8. Failure to pay the appropriate Title V fee represents cause for revocation of the Title V permit as indicated in 567 IAC 22.115(1)"d".

G7. Inspection of Premises, Records, Equipment, Methods and Discharges

Upon presentation of proper credentials and any other documents as may be required by law, the permittee shall allow the director or the director's authorized representative to:

1. Enter upon the permittee's premises where a Title V source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

3. Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
4. Sample or monitor, at reasonable times, substances or parameters for the purpose of ensuring compliance with the permit or other applicable requirements. *567 IAC 22.108 (15)"b" and LCCO 10.22*

G8. Duty to Provide Information

The permittee shall furnish to the director, within a reasonable time, any information that the director may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee also shall furnish to the director copies of records required to be kept by the permit, or for information claimed to be confidential, the permittee shall furnish such records directly to the administrator of EPA along with a claim of confidentiality. *567 IAC 22.108 (9)"e" and LCCO 10.18 and 10.19*

G9. General Maintenance and Repair Duties

The owner or operator of any air emission source or control equipment shall:

1. Maintain and operate the equipment or control equipment at all times in a manner consistent with good practice for minimizing emissions.
2. Remedy any cause of excess emissions in an expeditious manner.
3. Minimize the amount and duration of any excess emission to the maximum extent possible during periods of such emissions. These measures may include but not be limited to the use of clean fuels, production cutbacks, or the use of alternate process units or, in the case of utilities, purchase of electrical power until repairs are completed.
4. Schedule, at a minimum, routine maintenance of equipment or control equipment during periods of process shutdowns to the maximum extent possible. *567 IAC 24.2(1) and LCCO 10.14(2)*

G10. Recordkeeping Requirements for Compliance Monitoring

1. In addition to any source specific recordkeeping requirements contained in this permit, the permittee shall maintain the following compliance monitoring records, where applicable:
 - a. The date, place and time of sampling or measurements
 - b. The date the analyses were performed.
 - c. The company or entity that performed the analyses.
 - d. The analytical techniques or methods used.
 - e. The results of such analyses; and
 - f. The operating conditions as existing at the time of sampling or measurement.
 - g. The records of quality assurance for continuous compliance monitoring systems (including but not limited to quality control activities, audits and calibration drifts.)
2. The permittee shall retain records of all required compliance monitoring data and support information for a period of at least 5 years from the date of compliance monitoring sample, measurement report or application. Support information includes all calibration and maintenance records and all original strip chart recordings for continuous compliance monitoring, and copies of all reports required by the permit.
3. For any source which in its application identified reasonably anticipated alternative operating scenarios, the permittee shall:
 - a. Comply with all terms and conditions of this permit specific to each alternative scenario.
 - b. Maintain a log at the permitted facility of the scenario under which it is operating.
 - c. Consider the permit shield, if provided in this permit, to extend to all terms and conditions under each operating scenario. *567 IAC 22.108(4), 567 IAC 22.108(12)*

G11. Evidence used in establishing that a violation has or is occurring.

Notwithstanding any other provisions of these rules, any credible evidence may be used for the purpose of establishing whether a person has violated or is in violation of any provisions herein.

1. Information from the use of the following methods is presumptively credible evidence of whether a violation has occurred at a source:

- a. A monitoring method approved for the source and incorporated in an operating permit pursuant to 567 Chapter 22;
 - b. Compliance test methods specified in 567 Chapter 25; or
 - c. Testing or monitoring methods approved for the source in a construction permit issued pursuant to 567 Chapter 22.
2. The following testing, monitoring or information gathering methods are presumptively credible testing, monitoring, or information gathering methods:
- a. Any monitoring or testing methods provided in these rules; or
 - b. Other testing, monitoring, or information gathering methods that produce information comparable to that produced by any method in subrule 21.5(1) or this subrule. *567 IAC 21.5(1)-567 IAC 21.5(2) and LCCO 10.16(1)*

G12. Prevention of Accidental Release: Risk Management Plan Notification and Compliance Certification

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Act, the permittee shall notify the department of this requirement. The plan shall be filed with all appropriate authorities by the deadline specified by EPA. A certification that this risk management plan is being properly implemented shall be included in the annual compliance certification of this permit. *567 IAC 22.108(6)*

G13. Hazardous Release

The permittee must report any situation involving the actual, imminent, or probable release of a hazardous substance into the atmosphere which, because of the quantity, strength and toxicity of the substance, creates an immediate or potential danger to the public health, safety or to the environment. A verbal report shall be made to the department at (515) 275-8694 and to the local police department or the office of the sheriff of the affected county as soon as possible but not later than six hours after the discovery or onset of the condition. This verbal report must be followed up with a written report as indicated in 567 IAC 131.2(2). *567 IAC Chapter 131-State Only*

G14. Excess Emissions and Excess Emissions Reporting Requirements

1. Excess Emissions. Excess emission during a period of startup, shutdown, or cleaning of control equipment is not a violation of the emission standard if the startup, shutdown or cleaning is accomplished expeditiously and in a manner consistent with good practice for minimizing emissions. Cleaning of control equipment which does not require the shutdown of the process equipment shall be limited to one six-minute period per one-hour period. An incident of excess emission (other than an incident during startup, shutdown or cleaning of control equipment) is a violation. If the owner or operator of a source maintains that the incident of excess emission was due to a malfunction, the owner or operator must show that the conditions which caused the incident of excess emission were not preventable by reasonable maintenance and control measures. Determination of any subsequent enforcement action will be made following review of this report. If excess emissions are occurring, either the control equipment causing the excess emission shall be repaired in an expeditious manner or the process generating the emissions shall be shutdown within a reasonable period of time. An expeditious manner is the time necessary to determine the cause of the excess emissions and to correct it within a reasonable period of time. A reasonable period of time is eight hours plus the period of time required to shut down the process without damaging the process equipment or control equipment. A variance from this subrule may be available as provided for in Iowa Code section 455B.143. In the case of an electric utility, a reasonable period of time is eight hours plus the period of time until comparable generating capacity is available to meet consumer demand with the affected unit out of service, unless, the director shall, upon investigation, reasonably determine that continued operation constitutes an unjustifiable environmental hazard and issue an order that such operation is not in the public interest and require a process shutdown to commence immediately.
2. Excess Emissions Reporting
 - a. Initial Reporting of Excess Emissions. An incident of excess emission (other than an incident of excess emission during a period of startup, shutdown, or cleaning) shall be reported to the

appropriate field office of the department within eight hours of, or at the start of the first working day following the onset of the incident. The reporting exemption for an incident of excess emission during startup, shutdown or cleaning does not relieve the owner or operator of a source with continuous monitoring equipment of the obligation of submitting reports required in 567-subrule 25.1(6). An initial report of excess emission is not required for a source with operational continuous monitoring equipment (as specified in 567-subrule 25.1(1)) if the incident of excess emission continues for less than 30 minutes and does not exceed the applicable emission standard by more than 10 percent or the applicable visible emission standard by more than 10 percent opacity. The initial report may be made by electronic mail (E-mail), in person, or by telephone and shall include as a minimum the following:

- i. The identity of the equipment or source operation from which the excess emission originated and the associated stack or emission point.
 - ii. The estimated quantity of the excess emission.
 - iii. The time and expected duration of the excess emission.
 - iv. The cause of the excess emission.
 - v. The steps being taken to remedy the excess emission.
 - vi. The steps being taken to limit the excess emission in the interim period.
- b. **Written Reporting of Excess Emissions.** A written report of an incident of excess emission shall be submitted as a follow-up to all required initial reports to the department within seven days of the onset of the upset condition, and shall include as a minimum the following:
- i. The identity of the equipment or source operation point from which the excess emission originated and the associated stack or emission point.
 - ii. The estimated quantity of the excess emission.
 - iii. The time and duration of the excess emission.
 - iv. The cause of the excess emission.
 - v. The steps that were taken to remedy and to prevent the recurrence of the incident of excess emission.
 - vi. The steps that were taken to limit the excess emission.
 - vii. If the owner claims that the excess emission was due to malfunction, documentation to support this claim. *567 IAC 24.1(1)-567 IAC 24.1(4) and LCCO 10.14*
3. **Emergency Defense for Excess Emissions.** For the purposes of this permit, an “emergency” means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include non-compliance, to the extent caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation or operator error. An emergency constitutes an affirmative defense to an action brought for non-compliance with technology based limitations if it can be demonstrated through properly signed contemporaneous operating logs or other relevant evidence that:
- a. An emergency occurred and that the permittee can identify the cause(s) of the emergency;
 - b. The facility at the time was being properly operated;
 - c. During the period of the emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements of the permit; and
 - d. The permittee submitted notice of the emergency to the director by certified mail within two working days of the time when the emissions limitations were exceeded due to the emergency. This notice fulfills the requirement of paragraph 22.108(5)"b." – See G15. This

notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof. This provision is in addition to any emergency or upset provision contained in any applicable requirement. *567 IAC 22.108(16)*

G15. Permit Deviation Reporting Requirements

A deviation is any failure to meet a term, condition or applicable requirement in the permit. Reporting requirements for deviations that result in a hazardous release or excess emissions have been indicated above (see G13 and G14). Unless more frequent deviation reporting is specified in the permit, any other deviation shall be documented in the semi-annual monitoring report and the annual compliance certification (see G4 and G5). *567 IAC 22.108(5)"b"*

G16. Notification Requirements for Sources That Become Subject to NSPS and NESHAP Regulations

During the term of this permit, the permittee must notify the department of any source that becomes subject to a standard or other requirement under 567-subrule 23.1(2) (standards of performance of new stationary sources) or section 111 of the Act; or 567-subrule 23.1(3) (emissions standards for hazardous air pollutants), 567-subrule 23.1(4) (emission standards for hazardous air pollutants for source categories) or section 112 of the Act. This notification shall be submitted in writing to the department pursuant to the notification requirements in 40 CFR Section 60.7, 40 CFR Section 61.07, and/or 40 CFR Section 63.9. *567 IAC 23.1(2), 567 IAC 23.1(3), 567 IAC 23.1(4) This notification must be made to Linn County Air Quality Division, in lieu of the Department, upon adoption of the NSPS or NESHAP into Chapter 10.*

G17. Requirements for Making Changes to Emission Sources That Do Not Require Title V Permit Modification

1. Off Permit Changes to a Source. Pursuant to section 502(b)(10) of the CAAA, the permittee may make changes to this installation/facility without revising this permit if:
 - a. The changes are not major modifications under any provision of any program required by section 110 of the Act, modifications under section 111 of the act, modifications under section 112 of the act, or major modifications as defined in 567 IAC Chapter 22.
 - b. The changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions);
 - c. The changes are not modifications under any provisions of Title I of the Act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or as total emissions);
 - d. The changes are not subject to any requirement under Title IV of the Act (revisions affecting Title IV permitting are addressed in rules 567—22.140(455B) through 567 - 22.144(455B));
 - e. The changes comply with all applicable requirements.
 - f. For each such change, the permitted source provides to the department and the administrator by certified mail, at least 30 days in advance of the proposed change, a written notification, including the following, which must be attached to the permit by the source, the department and the administrator:
 - i. A brief description of the change within the permitted facility,
 - ii. The date on which the change will occur,
 - iii. Any change in emission as a result of that change,
 - iv. The pollutants emitted subject to the emissions trade
 - v. If the emissions trading provisions of the state implementation plan are invoked, then Title V permit requirements with which the source shall comply; a description of how the emissions increases and decreases will comply with the terms and conditions of the Title V permit.
 - vi. A description of the trading of emissions increases and decreases for the purpose of complying with a federally enforceable emissions cap as specified in and in compliance with the Title V permit; and

- vii. Any permit term or condition no longer applicable as a result of the change. *567 IAC 22.110(1)*
- 2. Such changes do not include changes that would violate applicable requirements or contravene federally enforceable permit terms and conditions that are monitoring (including test methods), record keeping, reporting, or compliance certification requirements. *567 IAC 22.110(2)*
- 3. Notwithstanding any other part of this rule, the director may, upon review of a notice, require a stationary source to apply for a Title V permit if the change does not meet the requirements of subrule 22.110(1). *567 IAC 22.110(3)*
- 4. The permit shield provided in subrule 22.108(18) shall not apply to any change made pursuant to this rule. Compliance with the permit requirements that the source will meet using the emissions trade shall be determined according to requirements of the state implementation plan authorizing the emissions trade. *567 IAC 22.110(4)*
- 5. No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes, for changes that are provided for in this permit. *567 IAC 22.108(11)*

G18. Duty to Modify a Title V Permit

- 1. Administrative Amendment.
 - a. An administrative permit amendment is a permit revision that does any of the following:
 - i. Correct typographical errors
 - ii. Identify a change in the name, address, or telephone number of any person identified in the permit, or provides a similar minor administrative change at the source;
 - iii. Require more frequent monitoring or reporting by the permittee; or
 - iv. Allow for a change in ownership or operational control of a source where the director determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new permittee has been submitted to the director.
 - b. The permittee may implement the changes addressed in the request for an administrative amendment immediately upon submittal of the request. The request shall be submitted to the director.
 - c. Administrative amendments to portions of permits containing provisions pursuant to Title IV of the Act shall be governed by regulations promulgated by the administrator under Title IV of the Act.
- 2. Minor Title V Permit Modification.
 - a. Minor Title V permit modification procedures may be used only for those permit modifications that satisfy all of the following:
 - i. Do not violate any applicable requirement;
 - ii. Do not involve significant changes to existing monitoring, reporting or recordkeeping requirements in the Title V permit;
 - iii. Do not require or change a case by case determination of an emission limitation or other standard, or an increment analysis;
 - iv. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed in order to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include any federally enforceable emissions caps which the source would assume to avoid classification as a modification under any provision under Title I of the Act; and an alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the Act;

- v. Are not modifications under any provision of Title I of the Act; and
 - vi. Are not required to be processed as significant modification under rule 567 - 22.113(455B).
- b. An application for minor permit revision shall be on the minor Title V modification application form and shall include at least the following:
- i. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
 - ii. The permittee's suggested draft permit;
 - iii. Certification by a responsible official, pursuant to 567 IAC 22.107(4), that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used; and
 - iv. Completed forms to enable the department to notify the administrator and the affected states as required by 567 IAC 22.107(7).
- c. The permittee may make the change proposed in its minor permit modification application immediately after it files the application. After the permittee makes this change and until the director takes any of the actions specified in 567 IAC 22.112(4) "a" to "c", the permittee must comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this time, the permittee need not comply with the existing permit terms and conditions it seeks to modify. However, if the permittee fails to comply with its proposed permit terms and conditions during this time period, the existing permit terms and conditions it seeks to modify may be enforced against the facility.

3. Significant Title V Permit Modification.

Significant Title V modification procedures shall be used for applications requesting Title V permit modifications that do not qualify as minor Title V modifications or as administrative amendments. These include but are not limited to all significant changes in monitoring permit terms, every relaxation of reporting or recordkeeping permit terms, and any change in the method of measuring compliance with existing requirements. Significant Title V modifications shall meet all requirements of 567 IAC Chapter 22, including those for applications, public participation, review by affected states, and review by the administrator, as those requirements that apply to Title V issuance and renewal.

The permittee shall submit an application for a significant permit modification not later than three months after commencing operation of the changed source unless the existing Title V permit would prohibit such construction or change in operation, in which event the operation of the changed source may not commence until the department revises the permit. 567 IAC 22.111-567 IAC 22.113

G19. Duty to Obtain Construction Permits

Unless exempted in 567 IAC 22.1(2) or to meet the parameters established in 567 IAC 22.1(1)"c", the permittee shall not construct, install, reconstruct or alter any equipment, control equipment or anaerobic lagoon without first obtaining a construction permit, or conditional permit, or permit pursuant to rule 567 IAC 22.8, or permits required pursuant to rules 567 IAC 22.4, 567 IAC 22.5, 567 IAC 31.3, and 567 IAC 33.3 as required in 567 IAC 22.1(1). A permit shall be obtained prior to the initiation of construction, installation or alteration of any portion of the stationary source or anaerobic lagoon. 567 IAC 22.1(1) and LCCO 10.5

G20. Asbestos

The permittee shall comply with 567 IAC 23.1(3)"a", and 567 IAC 23.2(3)"g" when activities involve asbestos mills, surfacing of roadways, manufacturing operations, fabricating, insulating, waste disposal, spraying applications, demolition and renovation operations (567 IAC 23.1(3)"a"); training fires and controlled burning of a demolished building (567 IAC 23.2).

G21. Open Burning

The permittee is prohibited from conducting open burning, except as may be allowed by LCCO 10.10.

G22. Acid Rain (Title IV) Emissions Allowances

The permittee shall not exceed any allowances that it holds under Title IV of the Act or the regulations promulgated there under. Annual emissions of sulfur dioxide in excess of the number of allowances to emit sulfur dioxide held by the owners and operators of the unit or the designated representative of the owners and operators is prohibited. Exceedences of applicable emission rates are prohibited. "Held" in

this context refers to both those allowances assigned to the owners and operators by USEPA, and those allowances supplementally acquired by the owners and operators. The use of any allowance prior to the year for which it was allocated is prohibited. Contravention of any other provision of the permit is prohibited. 567 IAC 22.108(7)

G23. Stratospheric Ozone and Climate Protection (Title VI) Requirements

1. The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:
 - a. All containers in which a class I or class II substance is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to § 82.106.
 - b. The placement of the required warning statement must comply with the requirements pursuant to § 82.108.
 - c. The form of the label bearing the required warning statement must comply with the requirements pursuant to § 82.110.
 - d. No person may modify, remove, or interfere with the required warning statement except as described in § 82.112.
2. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVACs in Subpart B:
 - a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to § 82.156.
 - b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to § 82.158.
 - c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to § 82.161.
 - d. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with reporting and recordkeeping requirements pursuant to § 82.166. ("MVAC-like appliance" as defined at § 82.152)
 - e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to § 82.156.
 - f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to § 82.166.
3. If the permittee manufactures, transforms, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR part 82, Subpart A, Production and Consumption Controls.
4. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners. The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant,
5. The permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR part 82, Subpart G, Significant New Alternatives Policy Program. 40 CFR part 82

G24. Permit Reopenings

1. This permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a

notification of planned changes or anticipated noncompliance does not stay any permit condition. 567 IAC 22.108(9)"c"

2. Additional applicable requirements under the Act become applicable to a major part 70 source with a remaining permit term of 3 or more years. Revisions shall be made as expeditiously as practicable, but not later than 18 months after the promulgation of such standards and regulations.
 - a. Reopening and revision on this ground is not required if the permit has a remaining term of less than three years;
 - b. Reopening and revision on this ground is not required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions have been extended pursuant to 40 CFR 70.4(b)(10)(i) or (ii) as amended to May 15, 2001.
 - c. Reopening and revision on this ground is not required if the additional applicable requirements are implemented in a general permit that is applicable to the source and the source receives approval for coverage under that general permit. 567 IAC 22.108(17)"a", 567 IAC 22.108(17)"b"
3. A permit shall be reopened and revised under any of the following circumstances:
 - a. The department receives notice that the administrator has granted a petition for disapproval of a permit pursuant to 40 CFR 70.8(d) as amended to July 21, 1992, provided that the reopening may be stayed pending judicial review of that determination;
 - b. The department or the administrator determines that the Title V permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the Title V permit;
 - c. Additional applicable requirements under the Act become applicable to a Title V source, provided that the reopening on this ground is not required if the permit has a remaining term of less than three years, the effective date of the requirement is later than the date on which the permit is due to expire, or the additional applicable requirements are implemented in a general permit that is applicable to the source and the source receives approval for coverage under that general permit. Such a reopening shall be complete not later than 18 months after promulgation of the applicable requirement.
 - d. Additional requirements, including excess emissions requirements, become applicable to a Title IV affected source under the acid rain program. Upon approval by the administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.
 - e. The department or the administrator determines that the permit must be revised or revoked to ensure compliance by the source with the applicable requirements. 567 IAC 22.114(1)
4. Proceedings to reopen and reissue a Title V permit shall follow the procedures applicable to initial permit issuance and shall effect only those parts of the permit for which cause to reopen exists. 567 IAC 22.114(2)
5. A notice of intent shall be provided to the Title V source at least 30 days in advance of the date the permit is to be reopened, except that the director may provide a shorter time period in the case of an emergency. 567 IAC 22.114(3)

G25. Permit Shield

1. The director may expressly include in a Title V permit a provision stating that compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that:
 - a. Such applicable requirements are included and are specifically identified in the permit; or
 - b. The director, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the source, and the permit includes the determination or a concise summary thereof.
2. A Title V permit that does not expressly state that a permit shield exists shall be presumed not to provide such a shield.

3. A permit shield shall not alter or affect the following:
- The provisions of Section 303 of the Act (emergency orders), including the authority of the administrator under that section;
 - The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
 - The applicable requirements of the acid rain program, consistent with Section 408(a) of the Act;
 - The ability of the department or the administrator to obtain information from the facility pursuant to Section 114 of the Act. *567 IAC 22.108 (18)*

G26. Severability

The provisions of this permit are severable and if any provision or application of any provision is found to be invalid by this department or a court of law, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected by such finding. *567 IAC 22.108 (8) and LCCO 10.27*

G27. Property Rights

The permit does not convey any property rights of any sort, or any exclusive privilege. *567 IAC 22.108 (9)"d"*

G28. Transferability

This permit is not transferable from one source to another. If title to the facility or any part of it is transferred, an administrative amendment to the permit must be sought consistent with the requirements of *567 IAC 22.111(1)*. *567 IAC 22.111 (1)"d"*

G29. Disclaimer

No review has been undertaken on the engineering aspects of the equipment or control equipment other than the potential of that equipment for reducing air contaminant emissions. *567 IAC 22.3(3)"c"*

G30. Notification and Reporting Requirements for Stack Tests or Monitor Certification

The permittee shall notify the department's stack test contact in writing not less than 30 days before a required test or performance evaluation of a continuous emission monitor is performed to determine compliance with applicable requirements of 567 – Chapter 23 or a permit condition. Such notice shall include the time, the place, the name of the person who will conduct the test and other information as required by the department. If the owner or operator does not provide timely notice to the department, the department shall not consider the test results or performance evaluation results to be a valid demonstration of compliance with applicable rules or permit conditions. Upon written request, the department may allow a notification period of less than 30 days. At the department's request, a pretest meeting shall be held not later than 15 days prior to conducting the compliance demonstration. A testing protocol shall be submitted to the department no later than 15 days before the owner or operator conducts the compliance demonstration. A representative of the department shall be permitted to witness the tests. Results of the tests shall be submitted in writing to the department's stack test contact in the form of a comprehensive report within six weeks of the completion of the testing. Compliance tests conducted pursuant to this permit shall be conducted with the source operating in a normal manner at its maximum continuous output as rated by the equipment manufacturer, or the rate specified by the owner as the maximum production rate at which the source shall be operated. In cases where compliance is to be demonstrated at less than the maximum continuous output as rated by the equipment manufacturer, and it is the owner's intent to limit the capacity to that rating, the owner may submit evidence to the department that the source has been physically altered so that capacity cannot be exceeded, or the department may require additional testing, continuous monitoring, reports of operating levels, or any other information deemed necessary by the department to determine whether such source is in compliance. Stack test notifications, reports and correspondence shall be sent to:

Stack Test Review Coordinator
Iowa DNR, Air Quality Bureau
7900 Hickman Road, Suite #1
Windsor Heights, IA 50324
(515) 725-9545

Within Linn County, stack test notifications, reports and correspondence shall also be directed to the supervisor of the county air pollution program.

567 IAC 25.1(7)"a", 567 IAC 25.1(9) and LCCO 10.17

G31. Prevention of Air Pollution Emergency Episodes

The permittee shall comply with the provisions of 567 IAC Chapter 26 in the prevention of excessive build-up of air contaminants during air pollution episodes, thereby preventing the occurrence of an emergency due to the effects of these contaminants on the health of persons. *567 IAC 26.1(1)*

G32. Contacts List

The current address and phone number for reports and notifications to the EPA administrator is:

Chief of Air Permits
U.S. EPA Region 7
Air Permits and Compliance Branch
11201 Renner Blvd.
Lenexa, KS 66219
(913) 551-7020

The current address and phone number for reports and notifications to the department or the Director is:

Chief, Air Quality Bureau
Iowa Department of Natural Resources
7900 Hickman Road, Suite #1
Windsor Heights, IA 50324
(515) 725-9500

Reports or notifications to the local program shall be directed to the supervisor at the appropriate local program. Current address and phone number is:

Linn County Public Health
Air Quality Division
1240 26th Ave Ct. SW
Cedar Rapids, IA 52404
(319) 892-6000

V. APPENDIX A

40 CFR Part 60 Subpart Dc – *Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units*

A link to the current final rule can be found at the link below:

http://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&r=SUBPART&n=sp40.7.60.d_0c

40 CFR Part 60 Subpart JJJJ – *Standards of Performance for Stationary Spark Ignition Internal Combustion Engines*

A link to the current final rule can be found at the link below:

<http://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&r=SUBPART&n=sp40.7.60.jjjj>

A listing of all the promulgated NSPS rules, EPA Region 7 staff contact information (for questions pertaining to the rule), compliance assistance links and a link to each NSPS can be found at the link below:

<http://www2.epa.gov/caa-permitting/new-source-performance-standards-region-7>

40 CFR 63 Subpart ZZZZ – *National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines*

A link to the current final rule can be found at the link below:

<http://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&r=SUBPART&n=sp40.14.63.zzzz>

A listing of all the promulgated MACT rules, EPA Region 7 staff contact information (for questions pertaining to the rule), compliance assistance links and a link to each NSPS can be found at the link below:

<http://www2.epa.gov/caa-permitting/maximum-achievable-control-technology-standards-region-7>