Iowa Department of Natural Resources
Title V Operating Permit

Name of Permitted Facility: Diamond V Mills, LLC
Facility Location: 2575 60th Ave SW, Cedar Rapids, IA 52404

Air Quality Operating Permit Number: 26-TV-005
Expiration Date: October 31, 2031
Permit Renewal Application Deadline: April 30, 2031

EIQ Number: 92-7025
Facility File Number: 57-01-237

Responsible Official
Name: Douglas Paulson
Title: BOSC Director
Mailing Address: 2575 60th Ave SW, Cedar Rapids, IA 52404
Phone #: (319) 866-7693

Permit Contact Person for the Facility
Name: Matt Scherbring
Title: Environmental Health & Safety Manager
Mailing Address: PO Box 74570 Cedar Rapids, IA 52407
Phone #: (319) 866-7614

This permit is issued in accordance with 567 Iowa Administrative Code Chapter 24 and is issued subject to the terms and conditions contained in this permit.

For the Director of the Department of Natural Resources

Corey McCoid, Supervisor of Air Operating Permits Section Date

Table of Contents

I. Facility Description and Equipment List 4
II. Plant-Wide Conditions 9
III. Emission Point-Specific Conditions 12
IV. General Conditions 36
G1. Duty to Comply 36
G2. Permit Expiration 36
G3. Certification Requirement for Title V Related Documents 36
G4. Annual Compliance Certification 36
G5. Semi-Annual Monitoring Report 37
G6. Annual Fees 37
G7. Inspection of Premises, Records, Equipment, Methods and Discharges 37
G8. Duty to Provide Information 37
G9. General Maintenance and Repair Duties 38
G10. Recordkeeping Requirements for Compliance Monitoring 38
G11. Evidence used in establishing that a violation has or is occurring. 38
G12. Prevention of Accidental Release: Risk Management Plan Notification and Compliance Certification 39
G13. Hazardous Release 39
G14. Excess Emissions and Excess Emissions Reporting Requirements 39
G15. Permit Deviation Reporting Requirements 40
G16. Notification Requirements for Sources That Become Subject to NSPS and NESHAP Regulations 40
G17. Requirements for Making Changes to Emission Sources That Do Not Require Title V Permit Modification 41
G18. Duty to Modify a Title V Permit 41
G19. Duty to Obtain Construction Permits 43
G20. Asbestos 43
G21. Open Burning 43
G22. Acid Rain (Title IV) Emissions Allowances 43
G23. Stratospheric Ozone and Climate Protection (Title VI) Requirements 43
G24. Permit Reopenings 44
G25. Permit Shield 45
G26. Severability 45
G27. Property Rights 45
G28. Transferability 45
G29. Disclaimer 45
G30. Notification and Reporting Requirements for Stack Tests or Monitor Certification 45
G31. Prevention of Air Pollution Emergency Episodes 46
G32. Contacts List 46
Appendix A: Applicable Federal Standards 47
Appendix B: Opacity Monitoring Summary 48
Appendix C: Stack Testing Summary 49

Abbreviations

acfm	actual cubic feet per minute
ATI	authorization to install
bph	bushels per hour
bpy	bushels per year
Btu	British thermal units
CFR	Code of Federal Regulation
CY1	concentrates yeast 1
CY2	concentrated yeast 2
CY3	concentrated yeast 3
CE	control equipment
°F	degrees Fahrenheit
dscfm	dry standard cubic feet per minute
EIQ	emissions inventory questionnaire
EP	emission point
EU	emission unit
gpm	gallons per minute
gr./dscf	grains per dry standard cubic foot
H	horizontal
IAC	Iowa Administrative Code
IDNR	Iowa Department of Natural Resources
LB	Lactobacillus
LCPH	Linn County Public Health
LCCO	Linn County Code of Ordinances
MMcf/hr	million cubic feet per hour
MVAC	motor vehicle air conditioner
NG	natural gas
NAICS	North American Industry Classification System
NSPS	new source performance standard
ppm_v	parts per million by volume
PTO	permit to operate
lb/hr	pounds per hour
RTO	regenerative thermal oxidizer
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, unobstructed
VR	vertical with rain cap or obstruction
YC	yeast culture
YGS	yeast growth system

Pollutants

PM	particulate matter
PM_{10}	particulate matter ten microns or less in diameter
$PM_{2.5}$	particulate matter two point five microns and less in diameter
SO_2	sulfur dioxide
NO_X	nitrogen oxides
VOC	volatile organic compound
CO	carbon monoxide
HAP	hazardous air pollutant
SHAP	single hazardous air pollutant
THAP	total hazardous air pollutant

I. Facility Description and Equipment List

Facility Name: Diamond V Mills, LLC
Permit Number: 26-TV-005

Facility Description: Animal feed additive manufacturing (NAICS 31119; SIC 2048)

Table 1 – Equipment List

Emission Point #	Emission Unit #	Emission Unit Description	Construction Permit # LCPH ATI / PTO
201A	201A-EU1	Receiving Pit 1 Drag Conveyor	--
201B	201B-EU1	Receiving Pit 2 Drag Conveyor	--
201C	201C-EU1	Receiving Pit 101 Drag Conveyor	7273 / 7066
202A	202A-EU1	Grain Transfer to Day Bin 1	7125 / 6855
202B	202B-EU1	Grain Transfer to Day Bin 2	7126 / 6856
202C	202C-EU1	Grain Transfer to Day Bin 3	7127 / 6857
202D	202D-EU1	Grain Transfer to Day Bin 4	7128 / 6858
202E	202E-EU1	Grain Transfer to Day Bin 5	7129 / 6859
202F	202F-EU1	Grain Transfer to Day Bin 6	7130 / 6860
202G	202G-EU1	Grain Transfer to Day Bin 7	7131 / 6861
202H	202H-EU1	Grain Transfer to Day Bin 8	7132 / 6862
203A	203A-EU1	Pneumatic Grain Transfer	7133 / 6863
203B	203B-EU1	Hammermill 2	7134 / 6864
203C	203C-EU1	Hammermill 3	7170 / 7091
203D	203D-EU1	Tunnel Hammermill 155	7171 / 7092
203E	203E-EU1	Pneumatic Feed Transfer from Hammermill 155	7172 / 7093-R2
203H	203H-EU1	FP Pneumatic Transfer 2	7274 / 7067-R2
204A	204A-EU1	Batching Bins 1-16	7135 / 6865
204B	204B-EU1	Batching Bins 17-32	7136 / 6866
204C	204C-EU1	Batching Bins 33-48	7137 / 6867
204D	204D-EU1	Batching Bins 49-64	7138 / 6868
204E	204E-EU1	Batching Bins BB101-BB112	7311 / 7068
204E2	204E2-EU1	Batching Bin BB102	7465 / 7231
204E3	204E3-EU1	Batching Bin BB103	7466 / 7232
204E4	204E4-EU1	Batching Bin BB104	7467 / 7233
204E5	204E5-EU1	Batching Bin BB105	7468 / 7234
204E6	204E6-EU1	Batching Bin BB106	7469 / 7235
204E7	204E7-EU1	Batching Bin BB107	7470 / 7236
204E8	204E8-EU1	Batching Bin BB108	7471 / 7237
204E9	204E9-EU1	Batching Bin BB109	7472 / 7238
204E10	204E10-EU1	Batching Bin B110	7473 / 7239
204E11	204E11-EU1	Batching Bin B111	7474 / 7240
204E12	204E12-EU1	Batching Bin B12	7475 / 7241
204G	204G-EU1	Batching Bins BB113-BB120	7312 / 7094
204G2	204G2-EU1	Batching Bin BB114	7476 / 7242
204G3	204G3-EU1	Batching Bin BB115	7477 / 7243
204G4	204G4-EU1	Batching Bin BB116	7478 / 7244
204G5	204G5-EU1	Batching Bin BB117	7479 / 7245
204G6	204G6-EU1	Batching Bin BB118	7480 / 7246
204G7	204G7-EU1	Batching Bin BB119	7481 / 7247
204G8	204G8-EU1	Batching Bin BB120	7482 / 7248
204H	204H-EU1	Day Bin DB101	7276 / 7069
204H1	204H1-EU1	Batching Bin BB121	7505 / 7327
204H2	204H2-EU1	Batching Bin BB122	7506 / 7328
204H3	204H3-EU1	Batching Bin BB123	7507 / 7329

Emission Point #	Emission Unit #	Emission Unit Description	Construction Permit # LCPH ATI / PTO
204H4	204H4-EU1	Batching Bin BB124	7508 / 7330
204H5	204H5-EU1	Batching Bin BB125	7509 / 7331
204H6	204H6-EU1	Batching Bin BB126	7510 / 7332
204H7	204H7-EU1	Batching Bin BB127	7511 / 7333
204H8	204H8-EU1	Batching Bin BB128	7512 / 7334
204H9	204H9-EU1	Batching Bin BB129	7513 / 7335
204H10	204H10-EU1	Batching Bin BB130	7514 / 7337
204H11	204H11-EU1	Batching Bin BB131	7515 / 7337
204H12	204H12-EU1	Batching Bin BB132	7516 / 7338
204I	204I-EU1	Day Bin DB102	7277 / 7070
204J	204J-EU1	Day Bin DB103	7837 / 7607
204K	204K-EU1	Day Bin DB104	7838 / 7608
205A	205A-EU1	Weigh Hopper 1	7139 / 6869
205B	205B-EU1	Weigh Hopper 2	7140 / 6870
205C	205C-EU1	Weigh Hopper 3	7141 / 6871
205D	205D-EU1	Weigh Hopper 4	7142 / 6872
205E	205E-EU1	Weigh Hopper 5	7143 / 6873
205F	205F-EU1	Weigh Hopper 6	7144 / 6874
205G	205G-EU1	Weigh Hopper 7	7145 / 6875
205G1	205G1-EU1	Screw Conveyor 7	7146 / 6876
205H	205H-EU1	Weigh Hopper 8	7147 / 6877
205H1	205H1-EU1	Weigh Hopper 9	7759 / 7474
205I	205I-EU1	Batching Bin WH101	7839 / 7609
205J	205J-EU1	Batching Bin WH102	7840 / 7610
205K	205K-EU1	Weigh Hopper WH103	7174 / 7095
205K1	205K1-EU1	Weigh Hopper 104	7244 / 7104
205L	205L-EU1	Tunnel Weigh Hopper 105	7175 / 7096
205N	205N-EU1	Weigh Hopper 107	7279 / 7072
205O	205O-EU1	Weigh Hopper 108	7280 / 7073
205P	205P-EU1	Weigh Hopper 109	7281 / 7074
206A	206A-EU1	Surge Hopper 1	7148 / 6878
206B	206B-EU1	Surge Hopper 2	7149 / 6879
206C	206C-EU1	Surge Hopper 3	7150 / 6880
206D	206D-EU1	Surge Hopper 4	7151 / 6881
206G	206G-EU1	Surge Hopper 7	7152 / 6882
206H	206H-EU1	Surge Hopper 8	7153 / 6883
206I	206I-EU1	Surge Hopper SH-102	7700 / 7422
206J	206J-EU1	Surge Hopper SH-103	7701 / 7423
206K	206K-EU1	Surge Hopper SH-104	7841 / 7611
206L	206L-EU1	Tunnel Surge Hopper SH-105	7176 / 7097
206P	206P-EU1	Surge Hopper SH-109	7282 / 7075
207A	207A-EU1	Dryer 5	7823-R2 / 7593-R1
	207A-EU2	Dryer 5 Burner	
	207A-EU3	Dryer 6	
	207A-EU4	Dryer 6 Burner	
	207A-EU5	Dryer 5/6 RTO Burner	
207A1	207A-EU1	Dryer 5 Bypass	7849 / 7619-R1
207A2	207A-EU2	Dryer 6 Bypass	7850 / 7620-R1
207B	207B-EU1	Dryer 7	7824-R2 / 7594-R1
	207B-EU2	Dryer 7 Burner	
	207B-EU3	Dryer 8	
	207B-EU4	Dryer 8 Burner	
	207B-EU5	Dryer 7/8 RTO Burner	
207B1	207B-EU1	Dryer 7 Bypass	7851 / 7621-R1

Emission Point #	Emission Unit #	Emission Unit Description	Construction Permit # LCPH ATI / PTO
207B2	207B-EU3	Dryer 8 Bypass	7852 / 7622-R1
207C	207C-EU1	Dryer 9	7825-R2 / 7595-R1
	207C-EU2	Dryer 9 Burner	
	207C-EU3	Dryer 10	
	207C-EU4	Dryer 10 Burner	
	207C-EU5	Dryer 9/10 RTO Burner	
207C1	207C-EU1	Dryer 9 Bypass	7853 / 7623-R1
207C2	207C-EU3	Dryer 10 Bypass	7854 / 7624-R1
207D	207D-EU1	Dryer 11	7826-R2 / 7596-R1
	207D-EU2	Dryer 11 Burner	
	207D-EU3	Dryer 12	
	207D-EU4	Dryer 12 Burner	
	207D-EU5	Dryer 11/12 RTO Burner	
207D1	207D-EU1	Dryer 11 Bypass	7855 / 7625-R1
207D2	207D-EU3	Dryer 12 Bypass	7856 / 7626-R1
207E	207E-EU3	Dryer 14	7827-R2 / 7597-R1
	207E-EU4	Dryer 14 Burner	
	207E-EU5	Dryer 14 RTO Burner	
207E2	207E-EU3	Dryer 14 Bypass	7857 / 7627-R1
207F	207F-EU1	Dryer 15	7828-R2 / 7598-R1
	207F-EU2	Dryer 15 Burner	
	207F-EU3	Dryer 16	
	207F-EU4	Dryer 16 Burner	
	207F-EU5	Dryer 15/16 RTO Burner	
207F1	207F-EU1	Dryer 15 Bypass	7858 / 7628-R1
207F2	207F-EU3	Dryer 16 Bypass	7859 / 7629-R1
208A	208A-EU1	Cooler 5	7829 / 7599-R2
	208A-EU2	Impact Mill 5	
208B	208B-EU1	Cooler 6	7830 / 7600-R2
	208B-EU2	Impact Mill 6	
208B1	208B1-EU1	Pneumatic Transfer from Coolers 6/7	8540 / 7751
208C	208C-EU1	Cooler 7	7831 / 7601-R2
	208C-EU2	Impact Mill 7	
208E	208E-EU1	Cooler 9	7832 / 7602-R2
	208E-EU2	Impact Mill 9	
208G	208G-EU1	Cooler 11	7833 / 7603-R2
	208G-EU2	Impact Mill 11	
208J	208J-EU1	Cooler 14	7834 / 7604-R2
208J1	208J1-EU1	Pneumatic Transfer from Cooler 14	7842 / 7612
208K	208K-EU1	Cooler 15	7835 / 7605-R2
208K1	208K1-EU1	Pneumatic Transfer from Cooler 15	7843 / 7613
208L	208L-EU1	Cooler 16	7836 / 7606-R2
208L1	208L1-EU1	Pneumatic Transfer from Cooler 16	7844 / 7614
209A	209A-EU1	Packaging Line 1	7154 / 6884
209B	209B-EU1	Packaging Line 2	7155 / 6885
209C	209C-EU1	Bulk Bag Filling Station Weigh	7156 / 6886
209D	209D-EU1	Packaging Line 3	7157 / 6887
209E	209E-EU1	Bulk Bag Filling Station Weigh	7158 / 6888
209F	209F-EU1	Packaging Line 4	7159 / 6889
209F2			7160 / 6890
209G	209G-EU1	Packaging Line 101	7180 / 7062
209G1	209G1-EU1	Packaging Bin 101	7181 / 7063
209G2	209G2-EU1	Packaging Line 101 Weigh Hopper	7400 / 7105
209H	209H-EU1	Packaging Line PL102	7284 / 7064

Emission Point #	Emission Unit #	Emission Unit Description	Construction Permit # LCPH ATI / PTO
209H1	209H1-EU1	Packaging Bin PB102	7285 / 7065
209H2	209H2-EU1	Packaging Line 102	7401 / 7106
209I	209I-EU1	Bulk Bag Filling Station SH105	7182 / 7101
211A	211A-EU1	Tunnel Bin 101	7845 / 7615
211B	211B-EU1	Tunnel Bin 102	7846 / 7616
211C	211C-EU1	Tunnel Bin TB103	7847 / 7617
211D	211D-EU1	Tunnel Bin TB104	7848 / 7618
212A	212A-EU1	Bulk Loadout Conveyor	7161 / 6891
213A	213A-EU1	Spray Dryer	6783-R1 / 6827-R2
	213A-EU2	Spray Dryer Burner	
	213A-EU3	Spray Dryer RTO Burner	
213A1	213A-EU1	Spray Dryer Bypass	7239 / 6950-R1
214A	214A-EU1	SD Pneumatic Conveying	7262 / 7090-R2
215A	215A-EU1	SD Weigh Hopper 1	7162 / 6892
216A	216A-EU1	Calcium Carbonate Pneumatic Transfer System	7485 / 7249
218A	218A-EU1	Blending Tunnel Bin BTB101	7581 / 7371
218B	218B-EU1	Blending Tunnel Bin BTB102	7291 / 7082
218C	218C-EU1	Blending Tunnel Bin BTB103	7292 / 7083
218D	218D-EU1	Blending Tunnel Bin BTB104	7293 / 7084
218E	218E-EU1	Blending Tunnel Bin BTB105	7294 / 7085
218F	218F-EU1	Blending Tunnel Bin BTB106	7295 / 7086
219A	219A-EU1	Loadout Bin LOB101	7313 / 7135
219B	219B-EU1	Loadout Bin LOB102	7314 / 7136
220A	220A-EU1	Bulk Loadout	7315 / 7137
221A	221A-EU1	Bag Break Station BBS-4960	7573 / 7348
300A	300A-EU1	YGS Bioreactor 1	8030-R1 / 7716-R1
300B	300B-EU1	YGS Bioreactor 2	8031 / 7717-R1

Table 2 – Insignificant Activities Equipment List

Emission Unit #	Emission Unit Description
YCT1	Yeast Cream Tank 1
YCT2	Yeast Cream Tank 2
YCT3	Yeast Cream Tank 3
YCT4	Yeast Cream Tank 4
DFT1	Dryer Feed Tank 1
DFT2	Dryer Feed Tank 2
DFT3	Dryer Feed Tank 3
DFT4	Dryer Feed Tank 4
DFT5	Dryer Feed Tank 5
DFT6	Dryer Feed Tank 6
SYT1	Selenium Yeast Tank 1
SYT2	Selenium Yeast Tank 2
MT1	Molasses Tank 1
MT2	Molasses Tank 2
MT3	Molasses Tank 3
MT4	Molasses Tank 4
N1T1	Nutrient 1 Tank 1
N1T2	Nutrient 1 Tank 2
N1T3	Nutrient 1 Tank 3
N1T4	Nutrient 1 Tank 4
N3T1	Nutrient 3 Tank 1
N3T2	Nutrient 3 Tank 2
N3T3	Nutrient 3 Tank 3
N3T4	Nutrient 3 Tank 4
210A-EU1	Boiler 1
210B-EU1	Boiler 2

II. Plant-Wide Conditions

Facility Name: Diamond V Mills, LLC
Permit Number: 26-TV-005

Permit conditions are established in accordance with 567 Iowa Administrative Code (IAC) rule 24.108.

Permit Duration

The term of this permit is: less than 5 years
Commencing on: November 1, 2026
Ending on: October 31, 2031

Amendments, modifications and reopenings of this permit shall be obtained in accordance with 567 IAC rules 24.110 – 24.114. Permits may be suspended, terminated, or revoked as specified in 567 IAC rules 24.115.

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

Table 3. Facility VOC/HAP Bubble Limit

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

EP	Pollutant	Emission Limit(s)
Facility-wide	VOC	245 tpy[1]
	Single HAP	9.4 tpy[2]
	Total HAP	24.4 tpy[3]

[1] Facility-wide emission limit established to limit the potential to emit (PTE) below 250 tons per year to remain classified as a 'synthetic minor for Prevention of Significant Deterioration (PSD) source'.
[2] Facility-wide emission limit established to remain an area source for Acetaldehyde.
[3] Facility-wide emission limit established to remain classified as an 'area source'. This limit applies to all hazardous air pollutants; however, acetaldehyde is the HAP of interest. Demonstrating compliance with the individual limit of 9.4 tons per year ensures total HAP emissions at the facility will not exceed 24.4 tons per year.

Facility Operating Requirements with Associated Monitoring and Recordkeeping

A. The owner or operator shall track and maintain monthly records of each parameter used to calculate emissions for all emission units at the facility that have the potential to emit VOC and/or HAP emissions (e.g., raw material inputs, fuel consumption, product throughput, hours of operation, emission factor, emission factor basis, etc.).

B. The owner or operator shall maintain monthly records of the amount of each product dried at this facility.

C. The owner or operator shall calculate the monthly total of VOC and HAP (e.g., Acetaldehyde) emissions. Each monthly total calculation must use a mass balance approach based on the most recent testing data collected from these emission sources at the facility for VOC and HAP, respectively. Tracking of process rates and other associated information will be completed via internal tracking methods. When calculating the VOC and HAP emissions, the owner or operator shall assume the following:
   (1) A product-specific VOC emission factor must be determined using the arithmetic mean of the most recent product-specific compliance test results accepted by Linn County Public Health.
   (2) A product-specific HAP emission factor must be determined using the arithmetic mean of the most recent product-specific compliance test results accepted by Linn County Public Health.
   (3) Diamond V may only use emission factors developed by engineering testing until such time the product-specific compliance testing is required by the Department and subsequently completed.

D. The owner or operator shall sum the most recent twelve (12) months of VOC emissions calculated in Condition C. (above) by the 10th day following the end of the calendar month.

E. The owner or operator shall sum the most recent twelve (12) months of HAP emissions calculated in Condition C. (above) by the 10th day following the end of the calendar month.

F. If, at any time, the monthly recordkeeping demonstrates the VOC and/or HAP emissions exceed 80% of their respective emissions limit, the owner or operator shall maintain daily records for this parameter. The owner or operator may use the monthly averages for the previous days not calculated on a daily basis. Daily calculations for VOC and/or HAP shall continue until the 12-month rolling totals drop below 80% of the associated operating and emission limit on the last day of the month. Note, the 80% threshold for VOC shall be 196 tons per 12-month rolling total and the 80% threshold for any individual HAP shall be 7.52 tons per 12-month rolling period.

G. The owner or operator shall submit reports that identify all exceedances of the 12-month rolling emission limit. The report shall be submitted no later than 30 days from the end of the month in which the exceedance occurred.

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):	40% opacity
Authority for Requirement:	567 IAC 23.3(2)"d"
Opacity (visible emissions):	20% opacity (permits issued prior to May 30, 2026)
Authority for Requirement:	LCCO Sec. 10-60(a)
Opacity (visible emissions):	40% opacity (permits issued on or after May 30, 2026)
Authority for Requirement:	LCCO Sec. 10-60(a)
Sulfur Dioxide (SO2):	500 parts per million by volume (ppmv)
Authority for Requirement:	567 IAC 23.3(3)"e" LCCO Sec. 10-65(a)(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 (dscf) of exhaust gas, except as provided in 567—21.2(455B), 567—23.1(455B), 567—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 567—23.1(455B) and 567—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 10-62-1 for the process weight rate allocated to such emission point. In any case, 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 or Table 10-62-1 of [LCCO Sec. 10-62(a)], whichever would result in the lowest allowable emission rate.

Authority for Requirement: LCCO Sec. 10-62(a)

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, racetracks 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, fertilizer 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"
LCCO Sec. 10-66

Regulatory Authority
This facility is located in Linn County, Iowa. Linn County Public Health, under agreement with the Iowa Department of Natural Resources (IDNR), 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 IDNR and Linn County Public Health Air Quality Division.

Authority for Requirement: 567 IAC 24.108

Emission Point ID Number: 201A, 201B, 202A, 202B, 202C, 202D, 202E, 202F, 202G, 202H, 203A, 203B, 203C, 203D, 204A, 204B, 204C, 204D, 204E, 204E2, 204E3, 204E4, 204E5, 204E6, 204E7, 204E8, 204E9, 204E10, 204E11, 204E12, 204G, 204G2, 204G3, 204G4, 204G5, 204G6, 204G7, 204G8, 204H, 204H1, 204H2, 204H3, 204H4, 204H5, 204H6, 204H7, 204H8, 204H9, 204H10, 204H11, 204H12, 204I, 204J, 204K, 205A, 205B, 205C, 205D, 205E, 205F, 205G, 205G1, 205H, 205H1, 205I, 205J, 205K, 205K1, 205L, 205N, 205O, 205P, 206A, 206B, 206C, 206D, 206G, 206H, 206I, 206J, 206K, 206L, 206P, 209A, 209B, 209C, 209D, 209E, 209F, 209F2, 209G, 209G1, 209G2, 209H, 209H1, 209H2, 209I, 211A, 211B, 211C, 211D, 212A, 215A, 216A, 218A, 218B, 218C, 218D, 218E, 218F, 221A

Table 4. Associated Equipment (Indoor Vented Sources)

EP	EU	EU Description	Raw Material	Rated Capacity	CE ID	CE Description
201A	201A-EU1	Receiving Pit 1 Drag Conveyor	Grain	75 tph	--	--
201B	201B-EU1	Receiving Pit 2 Drag Conveyor	Grain	75 tph	--	--
202A	202A-EU1	Grain Transfer to Day Bin 1	Grain	75 tph	202A-CE1	Bin Vent Filter
202B	202B-EU1	Grain Transfer to Day Bin 2	Grain	75 tph	202B-CE1	Bin Vent Filter
202C	202C-EU1	Grain Transfer to Day Bin 3	Grain	75 tph	202C-CE1	Bin Vent Filter
202D	202D-EU1	Grain Transfer to Day Bin 4	Grain	75 tph	202D-CE1	Bin Vent Filter
202E	202E-EU1	Grain Transfer to Day Bin 5	Grain	75 tph	202E-CE1	Bin Vent Filter
202F	202F-EU1	Grain Transfer to Day Bin 6	Grain	75 tph	202F-CE1	Bin Vent Filter
202G	202G-EU1	Grain Transfer to Day Bin 7	Grain	75 tph	202G-CE1	Bin Vent Filter
202H	202H-EU1	Grain Transfer to Day Bin 8	Grain	75 tph	202H-CE1	Bin Vent Filter
203A	203A-EU1	Pneumatic Grain Transfer	Grain	30 tph	203A-CE1	Cyclone
					203A-CE2	Cyclone
					203A-CE3	Baghouse
					203A-CE4	Cyclone
203B	203B-EU1	Hammermill 2	Grain	50 tph	203B-CE1	Cartridge Filters
203C	203C-EU1	Hammermill 3	Grain	50 tph	203C-CE1	Baghouse
203D	203D-EU1	Tunnel Hammermill 155	Grain	25 tph	203D-CE1	Baghouse
204A	204A-EU1	Batching Bins 1-16	Grain	30 tph	204A-CE1	Bin Vent Filter
204B	204B-EU1	Batching Bins 17-32	Grain	30 tph	204B-CE1	Bin Vent Filter
204C	204C-EU1	Batching Bins 33-48	Grain	30 tph	204C-CE1	Bin Vent Filter
204D	204D-EU1	Batching Bins 49-64	Grain	30 tph	204D-CE1	Bin Vent Filter
204E	204E-EU1	Batching Bins BB101	Grain	50 tph[1]	204E-CE1	Bin Vent Filter
204E2	204E2-EU1	Batching Bin BB102	Grain	50 tph[1]	204E2-CE1	Bin Vent Filter
204E3	204E3-EU1	Batching Bin BB103	Grain	50 tph[1]	204E3-CE1	Bin Vent Filter

EP	EU	EU Description	Raw Material	Rated Capacity	CE ID	CE Description
204E4	204E4-EU1	Batching Bin BB104	Grain	50 tph[1]	204E4-CE1	Bin Vent Filter
204E5	204E5-EU1	Batching Bin BB105	Grain	50 tph[1]	204E5-CE1	Bin Vent Filter
204E6	204E6-EU1	Batching Bin BB106	Grain	50 tph[1]	204E6-CE1	Bin Vent Filter
204E7	204E7-EU1	Batching Bin BB107	Grain	50 tph[1]	204E7-CE1	Bin Vent Filter
204E8	204E8-EU1	Batching Bin BB108	Grain	50 tph[1]	204E8-CE1	Bin Vent Filter
204E9	204E9-EU1	Batching Bin BB109	Grain	50 tph[1]	204E9-CE1	Bin Vent Filter
204E10	204E10-EU1	Batching Bin BB110	Grain	50 tph[1]	204E10-CE1	Bin Vent Filter
204E11	204E11-EU1	Batching Bin BB111	Grain	50 tph[1]	204E11-CE1	Bin Vent Filter
204E12	204E12-EU1	Batching Bin BB112	Grain	50 tph[1]	204E12-CE1	Bin Vent Filter
204G	204G-EU1	Batching Bins BB113	Grain	50 tph[1]	204G-CE1	Bin Vent Filter
204G2	204G2-EU1	Batching Bin BB114	Grain	50 tph[1]	204G2-CE1	Bin Vent Filter
204G3	204G3-EU1	Batching Bin BB115	Grain	50 tph[1]	204G3-CE1	Bin Vent Filter
204G4	204G4-EU1	Batching Bin BB116	Grain	50 tph[1]	204G4-CE1	Bin Vent Filter
204G5	204G5-EU1	Batching Bin BB117	Grain	50 tph[1]	204G5-CE1	Bin Vent Filter
204G6	204G6-EU1	Batching Bin BB118	Grain	50 tph[1]	204G6-CE1	Bin Vent Filter
204G7	204G7-EU1	Batching Bin BB119	Grain	50 tph[1]	20G7-CE1	Bin Vent Filter
204G8	204G8-EU1	Batching Bin BB120	Grain	50 tph[1]	204G8-CE1	Bin Vent Filter
204H	204H-EU1	Day Bin DB101	Grain	6 tph	204H-CE1	Bin Vent Filter
204H1	204H1-EU1	Batching Bin BB121	Grain	50 tph	204H1-CE1	Bin Vent Filter
204H2	204H2-EU1	Batching Bin BB122	Grain	50 tph	204H2-CE1	Bin Vent Filter
204H3	204H3-EU1	Batching Bin BB123	Grain	50 tph	204H3-CE1	Bin Vent Filter
204H4	204H4-EU1	Batching Bin BB124	Grain	50 tph	204H4-CE1	Bin Vent Filter
204H5	204H5-EU1	Batching Bin BB125	Grain	50 tph	204H5-CE1	Bin Vent Filter
204H6	204H6-EU1	Batching Bin BB126	Grain	50 tph	204H6-CE1	Bin Vent Filter
204H7	204H7-EU1	Batching Bin BB127	Grain	50 tph	204H7-CE1	Bin Vent Filter
204H8	204H8-EU1	Batching Bin BB128	Grain	50 tph	204H8-CE1	Bin Vent Filter
204H9	204H9-EU1	Batching Bin BB129	Grain	50 tph	204H9-CE1	Bin Vent Filter
204H10	204H10-EU1	Batching Bin BB130	Grain	50 tph	204H10-CE1	Bin Vent Filter
204H11	204H11-EU1	Batching Bin BB131	Grain	50 tph	204H11-CE1	Bin Vent Filter
204H12	204H12-EU1	Batching Bin BB132	Grain	50 tph	204H12-CE1	Bin Vent Filter
204I	204I-EU1	Day Bin DB102	Grain	6 tph	204I-CE1	Bin Vent Filter
204J	204J-EU1	Day Bin DB103	Grain	10.8 tph	204J-CE1	Bin Vent Filter
204K	204K-EU1	Day Bin DB104	Grain	10.8 tph	204K-CE1	Bin Vent Filter
205A	205A-EU1	Weigh Hopper 1	Grain	5.6 tph[2]	205A-CE1	Bin Vent Filter
205B	205B-EU1	Weigh Hopper 2	Grain		205B-CE1	Bin Vent Filter
205C	205C-EU1	Weigh Hopper 3	Grain		205C-CE1	Bin Vent Filter
205D	205D-EU1	Weigh Hopper 4	Grain		205D-CE1	Bin Vent Filter
205E	205E-EU1	Weigh Hopper 5	Grain	5.6 tph[3]	205E-CE1	Bin Vent Filter
205F	205F-EU1	Weigh Hopper 6	Grain	5.6 tph[3]	205F-CE1	Bin Vent Filter
205G	205G-EU1	Weigh Hopper 7	Grain	11.2 tph[4]	205G-CE1	Filter Sock
205G1	205G1-EU1	Screw Conveyor 7	Grain		205G1-CE1	Filter Sock
205H	205H-EU1	Weigh Hopper 8	Grain		205H-CE1	Filter Sock
205H1	205H1-EU1	Weigh Hopper 9	Grain	5.6 tph	205H1-CE1	Bin Vent Filter
205I	205I-EU1	Batching Bin WH101	Grain	7 tph	205I-CE1	Bin Vent Filter
205J	205J-EU1	Batching Bin WH102	Grain	7 tph	205J-CE1	Bin Vent Filter
205K	205K-EU1	Weigh Hopper 103	Grain	5.6 tph	205K-CE1	Bin Vent Filter
205K1	205K1-EU1	Weigh Hopper 104	Grain	5.6 tph	205K1-CE1	Bin Vent Filter
205L	205L-EU1	Tunnel Weigh Hopper 105	Grain	25 tph	205L-CE1	Bin Vent Filter

EP	EU	EU Description	Raw Material	Rated Capacity	CE ID	CE Description
205N	205N-EU1	Weigh Hopper 107	Grain	10 tph	205N-CE1	Bin Vent Filter
205O	205O-EU1	Weigh Hopper 108	Grain	10 tph	205O-CE1	Bin Vent Filter
205P	205P-EU1	Weigh Hopper 109	Grain	20 tph	205P-CE1	Bin Vent Filter
206A	206A-EU1	Surge Hopper 1	Grain	5.6 tph[2]	206A-CE1	Bin Vent Filter
206B	206B-EU1	Surge Hopper 2	Grain		206B-CE1	Bin Vent Filter
206C	206C-EU1	Surge Hopper 3	Grain		206C-CE1	Bin Vent Filter
206D	206D-EU1	Surge Hopper 4	Grain		206D-CE1	Bin Vent Filter
206G	206G-EU1	Surge Hopper 7	Grain	5.6 tph	206G-CE1	Bin Vent Filter
206H	206H-EU1	Surge Hopper 8	Grain	5.6 tph	206H-CE1	Bin Vent Filter
206I	206I-EU1	Surge Hopper SH-102	Grain	5.6 tph	206I-CE1	Bin Vent Filter
206J	206J-EU1	Surge Hopper SH-103	Grain	5.6 tph	206J-CE1	Bin Vent Filter
206K	206K-EU1	Surge Hopper SH-104	Grain	7 tph	206K-CE1	Bin Vent Filter
206L	206L-EU1	Surge Hopper SH-105	Grain	25 tph	206L-CE1	Bin Vent Filter
206P	206P-EU1	Surge Hopper SH-109	Grain	20 tph	206P-CE1	Bin Vent Filter
209A	209A-EU1	Packaging Line 1	Grain	5.6 tph	209A-CE1	Baghouse
209B	209B-EU1	Packaging Line 2	Grain	5.6 tph	209B-CE1	Baghouse
209C	209C-EU1	Bulk Bag Filling Station Weigh	Grain	5.6 tph	209C-EU1	Bin Vent Filter
209D	209D-EU1	Packaging Line 3	Grain	8 tph	209D-CE1	Baghouse
209E	209E-EU1	Bulk Bag Filling Station Weigh	Grain	8 tph	209E-CE1	Bin Vent Filter
209F	209F-EU1	Packaging Line 4	Grain	1.5 tph – 3.7 tph[5]	209F-CE1	Baghouse
209F2					209F-CE2	Bin Vent Filter
209G	209G-EU1	Packaging Line 101	Grain	16.5 tph	209G-CE1	Baghouse
209G1	209G1-EU1	Packaging Bin 101	Grain	25 tph	209G1-CE1	Bin Vent Filter
209G2	209G2-EU1	Packaging Line 101 Weigh Hopper	Grain	12 tph	209G2-CE1	Bin Vent Filter
209H	209H-EU1	Packaging Line PL102	Grain	12 tph	209H-CE1	Baghouse
209H1	209H1-EU1	Packaging Bin PB102	Grain	20 tph	209H1-CE1	Bin Vent Filter
209H2	209H2-EU1	Packaging Line 102	Grain	12 tph	209H2-CE1	Bin Vent Filter
209I	209I-EU1	Bulk Bag Filling Station SH105	Grain	5.6 tph	209I-CE1	Bin Vent Filter
211A	211A-EU1	Tunnel Bin 101	Grain	10.8 tph	211A-CE1	Bin Vent Filter
211B	211B-EU1	Tunnel Bin 102	Grain	10.8 tph	211B-CE1	Bin Vent Filter
211C	211C-EU1	Tunnel Bin TB103	Grain	10.8 tph	211C-CE1	Bin Vent Filter
211D	211D-EU1	Tunnel Bin TB104	Grain	10.8 tph	211D-CE1	Bin Vent Filter
212A	212A-EU1	Bulk Loadout Conveyor	Grain	80 tph	212A-CE1	Dust Suppression Hopper
215A	215A-EU1	SD Weigh Hopper 1	Grain	1 tph	215A-CE1	Bin Vent Filter
216A	216A-EU1	Calcium Carbonate Pneumatic Transfer System	Grain	1 tph	216A-CE1	Baghouse
218A	218A-EU1	Blending Tunnel Bin BTB101	Grain	50 tph	218A-CE1	Bin Vent Filter
218B	218B-EU1	Blending Tunnel Bin BTB102	Grain	50 tph	218B-CE1	Bin Vent Filter
218C	218C-EU1	Blending Tunnel Bin BTB103	Grain	50 tph	218C-CE1	Bin Vent Filter
218D	218D-EU1	Blending Tunnel Bin BTB104	Grain	50 tph	218D-CE1	Bin Vent Filter
218E	218E-EU1	Blending Tunnel Bin BTB105	Grain	50 tph	218E-CE1	Bin Vent Filter
218F	218F-EU1	Blending Tunnel Bin BTB106	Grain	50 tph	218F-CE1	Bin Vent Filter

EP	EU	EU Description	Raw Material	Rated Capacity	CE ID	CE Description
221A	221A-EU1	Bag Break Station BBS-4960	Grain	6 tph	221A-CE1	Bin Vent Filter

[1] Each batching bin (BB101-BB120) is rated for 50 tons per hour (tph); however, only one can be filled at a time between BB101-BB120 and BB113-BB120.
[2] Total combined throughput of all four weigh / surge hoppers.
[3] Each hopper can move 5.6 tph individually or 5.6 tph total from both weigh hoppers. One batch will not exceed 5.6 tph.
[4] Total combined throughput for weigh hoppers 7 and 8.
[5] Rate dependent upon product type.

Applicable Requirements

Table 5. General Emission Limits

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

EP	Pollutant	Emission Limit(s)	Authority for Requirement	Authority for Requirement LCPH ATI / PTO
All[1]	PM	0.1 gr/dscf	LCO Sec. 10-62(a)(6)	See Footnote 2
	Opacity	No VE	LCO 10-58(c)(3)	
Special	PM	See Footnote 3		See Footnote 2
	PM_{10}	See Footnote 3		See Footnote 2

[1] The emission limit does not apply to fugitive emission units 201A-EU1, 201B-EU1, and 212A-EU1.
[2] 7125 / 6855; 7126 / 6856; 7127 / 6857; 7128 / 6858; 7129 / 6859; 7130 / 6860; 7131 / 6861; 7132 / 6862; 7133 / 6863; 7134 / 6864; 7170 / 7091; 7171 / 7092; 7135 / 6865; 7136 / 6866; 7137 / 6867; 7138 / 6868; 7311 / 7068; 7465 / 7231; 7466 / 7232; 7467 / 7233; 7468 / 7234; 7469 / 7235; 7470 / 7236; 7471 / 7237; 7472 / 7238; 7473 / 7239; 7474 / 7240; 7475 / 7241; 7312 / 7094; 7476 / 7242; 7477 / 7243; 7478 / 7244; 7479 / 7245; 7480 / 7246; 7481 / 7247; 7482 / 7248; 7276 / 7069; 7505 / 7327; 7506 / 7328; 7507 / 7329; 7508 / 7330; 7509 / 7331; 7510 / 7332; 7511 / 7333; 7512 / 7334; 7513 / 7335; 7514 / 7336; 7515 / 7337; 7516 / 7338; 7277 / 7070; 7837 / 7607; 7838 / 7608; 7139 / 6869; 7140 / 6870; 7141 / 6871; 7142 / 6872; 7143 / 6873; 7144 / 6874; 7145 / 6875; 7146 / 6876; 7147 / 6877; 7759 / 7474; 7839 / 7609; 7840 / 7610; 7174 / 7095; 7244 / 7104; 7175 / 7096; 7279 / 7072; 7280 / 7073; 7281 / 7074; 7148 / 6878; 7149 / 6879; 7150 / 6880; 7151 / 6881; 7152 / 6882; 7153 / 6883; 7700 / 7422; 7701 / 7423; 7841 / 7611; 7176 / 7097; 7282 / 7075; 7154 / 6884; 7155 / 6885; 7156 / 6886; 7157 / 6887; 7158 / 6888; 7159 / 6889; 7160 / 6890; 7180 / 7062; 7181 / 7063; 7400 / 7105; 7284 / 7064; 7285 / 7065; 7401 / 7106; 7182 / 7101; 7845 / 7615; 7846 / 7616; 7847 / 7617; 7848 / 7618; 7161 / 6891; 7162 / 6892; 7485 / 7249; 7581 / 7371; 7291 / 7082; 7292 / 7083; 7293 / 7084; 7294 / 7085; 7295 / 7086; 7573 / 7348
[3] The potential emissions are inherently limited applying emission factors from WebFIRE (using SCCs 30200503 or 30200540) and applying 99% control efficiency for PM and PM_{10} for the associated control equipment of each emission point listed in Table 3 of this permit. Likewise, the potential emissions are inherently limited applying emission factors from WebFIRE (using SCC 30200803) for fugitive emission units 201A-EU1, 201B-EU1, and 212A-EU1.

Table 6. Emission Point Specific Emission Limits

The emissions from these emission points shall not exceed the levels specified below.

EP	Pollutant	Emission Limit(s)	Authority for Requirement LCPH ATI / PTO
203A	PM/PM_{10}	0.5 lb/hr	7133 / 6863
203B	PM/PM_{10}	0.6 lb/hr	7134 / 6864
203C	PM/PM_{10}	0.27 lb/hr	7170 / 7091
203D	PM/PM_{10}	0.17 lb/hr	7171 / 7092
209A	PM/PM_{10}	0.06 lb/hr	7154 / 6884
209B	PM/PM_{10}	0.06 lb/hr	7155 / 6885

209D	PM/PM_{10}	0.06 lb/hr	7157 / 6887
209F	PM/PM_{10}	0.1 lb/hr	7159 / 6889
209G	PM/PM_{10}	0.09 lb/hr	7180 / 7062
209H	PM/PM_{10}	0.06 lb/hr	7284 / 7064
216A	PM/PM_{10}	0.03 lb/hr	7485 / 7249

Operating Limits and Requirements

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

Operating Requirements and Associated 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 Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

A. The control equipment shall be maintained according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on the control equipment.

B. The differential pressure across each of the dust collectors listed in Table 4 will be maintained in the stated range while material is actively being transferred. A differential pressure outside of this range would not be considered a deviation if visible emissions are not present when the indicator is out of range and corrective actions are initiated as soon as possible but no longer than eight (8) hours from observation of the abnormal condition. This operating limit does not include periods of startup, shutdown, or cleaning of the control equipment.
   (1) The owner or operator shall monitor and record the differential pressure across these dust collectors on a weekly basis.

Table 7 - Fugitive Emission Points which Vent Inside a Building

CE ID	ΔP (in. w.c.)
203A-CE3	0.1" and 8.0"
203B-CE1	0.1" and 8.0"
203C-CE1	0.1" and 10.0"
203D-CE1	0.1" and 9.0"
203E-CE1	0.1" and 9.0"
209A-CE1	0.1" and 8.0"

CE ID	ΔP (in. w.c.)
209B-CE1	0.1" and 8.0"
209D-CE1	0.1" and 8.0"
209F-CE1	0.1" and 8.0"
209G-CE1	0.1" and 9.0"
209H-CE1	0.1" and 9.0"

Authority for Requirement (LCPH ATI / PTO):
7125 / 6855; 7126 / 6856; 7127 / 6857; 7128 / 6858; 7129 / 6859; 7130 / 6860; 7131 / 6861; 7132 / 6862; 7133 / 6863; 7134 / 6864; 7170 / 7091; 7171 / 7092; 7135 / 6865; 7136 / 6866; 7137 / 6867; 7138 / 6868; 7311 / 7068; 7465 / 7231; 7466 / 7232; 7467 / 7233; 7468 / 7234; 7469 / 7235; 7470 / 7236; 7471 / 7237; 7472 / 7238; 7473 / 7239; 7474 / 7240; 7475 / 7241; 7312 / 7094; 7476 / 7242; 7477 / 7243; 7478 / 7244; 7479 / 7245; 7480 / 7246; 7481 / 7247; 7482 / 7248; 7276 / 7069; 7505 / 7327; 7506 / 7328; 7507 / 7329; 7508 / 7330; 7509 / 7331; 7510 / 7332; 7511 / 7333; 7512 / 7334; 7513 / 7335; 7514 / 7336; 7515 / 7337; 7516 / 7338; 7277 / 7070; 7837 / 7607; 7838 / 7608; 7139 / 6869; 7140 / 6870; 7141 / 6871; 7142 / 6872; 7143 / 6873; 7144 / 6874; 7145 / 6875; 7146 / 6876; 7147 / 6877; 7759 / 7474; 7839 / 7609; 7840 / 7610; 7174 / 7095; 7244 / 7104; 7175 / 7096; 7279 / 7072; 7280 / 7073; 7281 / 7074; 7148 / 6878; 7149 / 6879; 7150 / 6880; 7151 / 6881; 7152 / 6882; 7153 / 6883; 7700 / 7422; 7701 / 7423; 7841 / 7611; 7176 / 7097; 7282 / 7075; 7154 / 6884; 7155 / 6885; 7156 / 6886; 7157 / 6887; 7158 / 6888; 7159 / 6889; 7160 / 6890; 7180 / 7062; 7181 / 7063; 7400 / 7105; 7284 / 7064; 7285 / 7065; 7401 / 7106; 7182 / 7101; 7845 / 7615; 7846 / 7616; 7847 / 7617; 7848 / 7618; 7161 / 6891; 7162 / 6892; 7485 / 7249; 7581 / 7371; 7291 / 7082; 7292 / 7083; 7293 / 7084; 7294 / 7085; 7295 / 7086; 7573 / 7348

Emission Point Characteristics

The emission points shall conform to the specifications listed below.

Table 8 - Emission Points with Passive Displacement Exhaust Flowrate, Ambient Exhaust Temperature, and Vent Inside a Building

EP ID	EP ID	EP ID	EP ID	EP ID	EP ID	EP ID	EP ID	EP ID
202A	204D	204E11	204H1	204H12	205H	206B	206R	211C
202B	204E	204E12	204H2	204I	205H1	206C	209C	211D
202C	204E2	204G	204H3	204J	205I	206D	209E	215A
202D	204E3	204G2	204H4	204K	205J	206G	209F2	216A
202E	204E4	204G3	204H5	205A	205K	206H	209G1	218A
202F	204E5	204G4	204H6	205B	205K1	206I	209G2	218B
202G	204E6	204G5	204H7	205C	205L	206J	209H1	218C
202H	204E7	204G6	204H8	205D	205N	206K	209H2	218D
204A	204E8	204G7	204H9	205E	205O	206L	209I	218E
204B	204E9	204G8	204H10	205G	205P	206P	211A	221A
204C	204E10	204H	204H11	205G1	206A	206Q	211B	

Table 9 - Emission Points with Active Displacement Exhaust Flowrate, Ambient Exhaust Temperature, and Vent Inside a Building

EP ID	Exhaust Flowrate (scfm)
203A	2,850
203B	6,740
203C	6,240 acfm
203D	4,000 acfm

EP ID	Exhaust Flowrate (scfm)
209A	1,500
209B	1,500
209D	1,500
209F	2,400

EP ID	Exhaust Flowrate (scfm)
209G	2,000
209H	1,500
216A	740

Table 10 – Fugitive Emission Points that Vent Inside a Building

EP ID
201A
201B
212A

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 any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence 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.

Authority for Requirement (LCPH ATI / PTO):
7125 / 6855; 7126 / 6856; 7127 / 6857; 7128 / 6858; 7129 / 6859; 7130 / 6860; 7131 / 6861; 7132 / 6862; 7133 / 6863; 7134 / 6864; 7170 / 7091; 7171 / 7092; 7135 / 6865; 7136 / 6866; 7137 / 6867; 7138 / 6868; 7311 / 7068; 7465 / 7231; 7466 / 7232; 7467 / 7233; 7468 / 7234; 7469 / 7235; 7470 / 7236; 7471 / 7237; 7472 / 7238; 7473 / 7239; 7474 / 7240; 7475 / 7241; 7312 / 7094; 7476 / 7242; 7477 / 7243; 7478 / 7244; 7479 / 7245; 7480 / 7246; 7481 / 7247; 7482 / 7248; 7276 / 7069; 7505 / 7327; 7506 / 7328; 7507 / 7329; 7508 / 7330; 7509 / 7331; 7510 / 7332; 7511 / 7333; 7512 / 7334; 7513 / 7335; 7514 / 7336; 7515 / 7337; 7516 / 7338; 7277 / 7070; 7837 / 7607; 7838 / 7608; 7139 / 6869; 7140 / 6870; 7141 / 6871; 7142 / 6872; 7143 / 6873; 7144 / 6874; 7145 / 6875; 7146 / 6876; 7147 / 6877; 7759 / 7474; 7839 / 7609; 7840 / 7610; 7174 / 7095; 7244 / 7104; 7175 / 7096; 7279 / 7072; 7280 / 7073; 7281 / 7074; 7148 / 6878; 7149 / 6879; 7150 / 6880; 7151 / 6881; 7152 / 6882; 7153 / 6883; 7700 / 7422; 7701 / 7423; 7841 / 7611; 7176 / 7097; 7282 / 7075; 7154 / 6884; 7155 / 6885; 7156 / 6886; 7157 / 6887; 7158 / 6888; 7159 / 6889; 7160 / 6890; 7180 / 7062; 7181 / 7063; 7400 / 7105; 7284 / 7064; 7285 / 7065; 7401 / 7106; 7182 / 7101; 7845 / 7615;

7846 / 7616; 7847 / 7617; 7848 / 7618; 7161 / 6891; 7162 / 6892; 7485 / 7249; 7581 / 7371; 7291 / 7082; 7292 / 7083; 7293 / 7084; 7294 / 7085; 7295 / 7086; 7573 / 7348

Monitoring Requirements

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

Stack Testing

See Appendix C, Stack Testing Summary

Authority for Requirement: 567 IAC 24.108(14)

Agency Approved Operations & 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 24.108(3)

Emission Point ID Number: 201C

Table 11. Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CE ID	CE Description
201C	201C-EU1	Receiving Pit 101 Drag Conveyor	Grain	50 tph	201C-CE1	Baghouse

Applicable Requirements

Table 12. Emission Limits

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

EP	Pollutant	Emission Limit(s)	Authority for Requirement	Authority for Requirement LCPH ATI / PTO
201C	Opacity	20%	LCO Sec. 10-60(a)	7273 / 6066
	PM	0.1 gr/dscf	567 IAC 23.4(7) LCO Sec. 10-62(a)(7)	
	PM/PM_{10}	0.21 lb/hr		

Operating Limits and Requirements

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

Operating Requirements with Associated 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 Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

A. The control equipment shall be maintained according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on the control equipment.
B. The differential pressure across the control equipment shall be maintained between 0.1" and 8.0" w.c. when material is actively being transferred. A differential pressure outside this range would not be considered a deviation if visible emissions are not present when the indicator is out of range and corrective actions are initiated as soon as possible but no longer than eight (8) hours from observation of the abnormal condition. This operating limit does not include periods of startup, shutdown, or cleaning of the control equipment. The owner or operator shall monitor and record the differential pressure across the dust collector 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.

Authority for Requirement (LCPH ATI / PTO): 7273 / 7066

Emission Point Characteristics

Table 13. Stack Characteristics

The emission point shall conform to the specifications listed below.

EP	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Temp (°F)	Flowrate (acfm)	Authority for Requirement
201C	24	VR	14	Ambient	5,000	LCPH ATI 7273 / PTO 7066

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 any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence 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 monitoring requirements listed below.

Opacity Monitoring

See Appendix B, Opacity Monitoring Summary.
Authority for Requirement: 567 IAC 24.108(14)

Agency Approved Operations & 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 24.108(3)

Emission Point ID Number: 203E, 203H, 208B1, 208J1, 208K1, 208L1, 214A

Table 14. Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CE ID	CE Description
203E	203E-EU1	Pneumatic Feed Transfer from Hammermill 155	Grain	25 tph	203E-CE1	Baghouse
203H	203H-EU1	Finished Product Pneumatic Transfer 2	Feed	20 tph	203H-CE1	Filter Receiver
208B1	208B1-EU1	BLDG 1 to BLDG 2 Pneumatic Transfer	Grain	6 tph	208B1-CE1	Filter Receiver
208J1	208J1-EU1	Pneumatic Transfer from Cooler 14	Feed	3.6 tph	208J1-CE1	Baghouse
208K1	208K1-EU1	Pneumatic Transfer from Cooler 15	Feed	3.6 tph	208K1-CE1	Baghouse
208L1	208L1-EU1	Pneumatic Transfer from Cooler 16	Feed	3.6 tph	208L1-CE1	Bin Vent Filter
214A	214A-EU1	SD Pneumatic Conveying	Feed	0.4 tph	214A-CE1	Baghouse

Applicable Requirements

Table 15. Emission Limits

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

EP	Pollutant	Emission Limit(s)	Authority for Requirement	Authority for Requirement LCPH ATI / PTO
203E 203H 208B1 208J1 208K1 208L1 214A	Opacity	40%	567 IAC 23.3(2)"d" LCO Sec. 10-60(a)	7172 / 7093-R2 7274 / 7067-R2 8540 / 7751 7262 / 7090-R2
	PM	0.1 gr/dscf	567 IAC 23.3(2)"a"(1) LCO Sec. 10-62(a)(7)	
208J1	Opacity	No VE	LCO Sec. 10-58(c)(3)	7842 / 7612
208K1				7843 / 7613
208L1				7844 / 7614
203E	PM/PM_{10}	0.18 lb/hr		7172 / 7093-R2
203H	PM/PM_{10}	0.17 lb/hr		7274 / 7067-R2
208B1	PM/PM_{10}	0.06 lb/hr		8540 / 7751
208J1	PM/PM_{10}	0.04 lb/hr		7842 / 7612
208K1	PM/PM_{10}	0.04 lb/hr		7843 / 7613
208L1	PM/PM_{10}	0.04 lb/hr		7844 / 7614
214A	PM/PM_{10}	0.086 lb/hr		7262 / 7090-R2

Operating Limits and Requirements

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

See Plant-Wide Conditions, Facility VOC/HAP Bubble Limits section, for facility operating requirements with associated monitoring and recordkeeping that apply to these emission points. **(EP214A only)**

Operating Requirements and Associated 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 Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

A. The control equipment shall be maintained according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on the control equipment.
B. The differential pressure across each of the following dust collectors in Table 16 shall be maintained in the stated range when material is actively being transferred. A differential pressure outside this range would not be considered a deviation if visible emissions are not present when the indicator is out of range and corrective actions are initiated as soon as possible but no longer than eight (8) hours from observation of the abnormal condition. This operating limit does not include periods of startup, shutdown, or cleaning of the control equipment. The owner or operator shall monitor and record the differential pressure across these dust collectors on a weekly basis.

Table 16. Summary of Differential Pressure Ranges for Control Equipment

CE ID	ΔP (in. w.c.)
203E-CE1	0.1" and 9.0"
203H-CE1	0.1" and 9.0"
208B1-CE1	0.1" and 9.0"
208J1-CE1	0.1" and 9.0"
208K1-CE1	0.1" and 9.0"
208L1-CE1	0.1" and 9.0"
214A-CE1	0.1" and 8"

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. This requirement applies only to EP's: 203E, 203H, 208B1, and 214A.

Authority for Requirement (LCPH ATI / PTO): 7172 / 7093-R2; 7274 / 7067-R2; 8540 / 7751; 7842 / 7612; 7843 / 7613; 7844 / 7614; 7262 / 7090-R2

Emission Point Characteristics

The emission points shall conform to the specifications listed below.

Table 17. Stack Characteristics

EP	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Temp (°F)	Flowrate (scfm)	Authority for Requirement LCPH ATI / PTO
203E	41	H	12	Ambient	4,212	7172 / 7093-R2
203H	25	H	12	Ambient	4,000	7274 / 7067-R2
208B1	120	H	8	Ambient	1,400	8540 / 7751
208J1	Vents	Internally			922	7842 / 7612
208K1	Vents	Internally			922	7843 / 7613
208L1	Vents	Internally			922	7844 / 7614
214A	66	V	8	115[1]	1,242[1]	7262 / 7090-R2

[1] Value is the average result observed during the 11/30/2017 compliance test.

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 any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence 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 monitoring requirements listed below.

Stack Testing

See Appendix C, Stack Testing Summary

Authority for Requirement: 567 IAC 24.108(14)

Agency Approved Operations & 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 24.108(3)

Emission Point ID Number: 207A, 207A1, 207A2, 207B, 207B1, 207B2, 207C, 207C1, 207C2, 207D, 207D1, 207D2, 207E, 207E2, 207F, 207F1, 207F2, 213A, 213A1

Table 18. Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CE ID	CE Description
207A	207A-EU1	Dryer 5 Products	LB	0.65 tph	207A-CE1 207A-CE3	Baghouse RTO
			YC	3.6 tph		
			CY1	3.3 tph		
			CY2	1.9 tph		
			CY3	1.2 tph		
	207A-EU2	Dryer 5 Burner	NG	0.005 MMcf/hr		
	207A-EU3	Dryer 6 Products	LB	0.65 tph	207A-CE2 207A-CE3	Baghouse RTO
			YC	3.6 tph		
			CY1	3.3 tph		
			CY2	1.9 tph		
			CY3	1.2 tph		
	207A-EU4	Dryer 6 Burner	NG	0.005 MMcf/hr		
	207A-EU5	Dryers 5/6 RTO Burner	NG	0.006 MMcf/hr	207A-CE3	RTO
207A1	207A-EU1	Dryer 5	Feed	Varies[1]	207A-CE1	Baghouse
	207A-EU2	Dryer 5 Burner	NG	0.005 MMcf/hr		
207A2	207A-EU3	Dryer 6	Feed	Varies[1]	207A-CE2	Baghouse
	207A-EU4	Dryer 6 Burner	NG	0.005 MMcf/hr		
207B	207B-EU1	Dryer 7 Products	LB	0.65 tph	207B-CE1 207B-CE3	Baghouse RTO
			YC	2.8 tph		
			CY1	3.3 tph		
			CY2	1.9 tph		
			CY3	1.2 tph		
	207B-EU2	Dryer 7 Burner	NG	0.005 MMcf/hr		
	207B-EU3	Dryer 8 Products	LB	0.65 tph	207B-CE2 207B-CE3	Baghouse RTO
			YC	2.8 tph		
			CY1	3.3 tph		
			CY2	1.9 tph		
			CY3	1.2 tph		
	207B-EU4	Dryer 8 Burner	NG	0.005 MMcf/hr		
	207B-EU5	Dryers 7/8 RTO Burner	NG	0.006 MMcf/hr	207B-CE3	RTO
207B1	207B-EU1	Dryer 7	Feed	Varies	207B-CE1	Baghouse
	207B-EU2	Dryer 7 Burner	NG	0.005 MMcf/hr		
207B2	207B-EU3	Dryer 8	Feed	Varies	207B-CE2	Baghouse
	207B-EU4	Dryer 8 Burner	NG	0.005 MMcf/hr		
207C	207C-EU1	Dryer 9 Products	LB	0.65 tph	207C-CE1 207C-CE3	Baghouse RTO
			YC	2.8 tph		
			CY1	3.3 tph		
			CY2	2.25 tph		
			CY3	1.2 tph		
	207C-EU2	Dryer 9 Burner	NG	0.005 MMcf/hr		
	207C-EU3	Dryer 10 Products	LB	0.65 tph	207C-CE2 207C-CE3	Baghouse RTO
			YC	2.8 tph		
			CY1	3.3 tph		
			CY2	2.25 tph		
			CY3	1.2 tph		
	207C-EU4	Dryer 10 Burner	NG	0.005 MMcf/hr		
	207C-EU5	Dryers 9/10 RTO Burner	NG	0.006 MMcf/hr	207C-CE3	RTO
207C1	207C-EU1	Dryer 9	Feed	Varies	207C-CE1	Baghouse
	207C-EU2	Dryer 9 Burner	NG	0.005 MMcf/hr		

EP	EU	EU Description	Raw Material	Rated Capacity	CE ID	CE Description
207C2	207C-EU3	Dryer 10	Feed	Varies	207C-CE2	Baghouse
	207C-EU4	Dryer 10 Burner	NG	0.005 MMcf/hr		
207D	207D-EU1	Dryer 11 Products	LB	0.65 tph	207D-CE1 207D-CE3	Baghouse RTO
			YC	2.8 tph		
			CY1	3.3 tph		
			CY2	1.9 tph		
			CY3	1.2 tph		
	207D-EU2	Dryer 11 Burner	NG	0.005 MMcf/hr		
	207D-EU3	Dryer 12 Products	LB	0.65 tph	207D-CE2 207D-CE3	Baghouse RTO
			YC	2.8 tph		
			CY1	3.3 tph		
			CY2	1.9 tph		
			CY3	1.2 tph		
	207D-EU4	Dryer 12 Burner	NG	0.005 MMcf/hr		
	207D-EU5	Dryers 11/12 RTO Burner	NG	0.006 MMcf/hr	207D-CE3	RTO
207D1	207D-EU1	Dryer 11	Feed	Vaies	207D-CE1	Baghouse
	207D-EU2	Dryer 11 Burner	NG	0.005 MMcf/hr		
207D2	207D-EU3	Dryer 12	Feed	Varies	207D-CE2	Baghouse
	207D-EU4	Dryer 12 Burner	NG	0.005 MMcf/hr		
207E	207E-EU3	Dryer 14 Products	LB	0.65 tph	207E-CE2	Baghouse
			YC	3.6 tph	207E-CE3	RTO
			CY1	3.3 tph		
			CY2	2.25 tph		
			CY3	1.2 tph		
	207E-EU4	Dryer 14 Burner	NG	0.008 MMcf/hr		
	207E-EU5	Dryer 14 RTO Burner	NG	0.075 MMcf/hr	207E-CE3	RTO
207E2	207E-EU3	Dryer 14	Feed	Varies	207E-CE2	Baghouse
	207E-EU4	Dryer 14 Burner	NG	0.008 MMcf/hr		
207F	207F-EU1	Dryer 15 Products	LB	0.65 tph	207F-CE1 207F-CE3	Baghouse RTO
			YC	3.6 tph		
			CY1	3.3 tph		
			CY2	2.25 tph		
			CY3	1.2 tph		
	207F-EU2	Dryer 15 Burner	NG	0.008 MMcf/hr		
	207F-EU3	Dryer 16 Products	LB	0.65 tph	207F-CE2 207F-CE3	Baghouse RTO
			YC	3.6 tph		
			CY1	3.3 tph		
			CY2	2.25 tph		
			CY3	1.2 tph		
	207F-EU4	Dryer 16 Burner	NG	0.008 MMcf/hr		
	207F-EU5	Dryers 15/16 RTO Burner	NG	0.075 MMcf/hr	207F-CE3	RTO
207F1	207F-EU1	Dryer 15	Feed	Varies	207F-CE1	Baghouse
	207F-EU2	Dryer 15 Burner	NG	0.008 MMcf/hr		
207F2	207F-EU3	Dryer 16	Feed	Varies	207F-CE2	Baghouse
	207F-EU4	Dryer 16 Burner	NG	0.008 MMcf/hr		
213A	213A-EU1	Spray Dryer	Feed	0.48 tph	213A-CE4	Baghouse
	213A-EU2	Spray Dryer Burner	NG	0.01 MMcf/hr	213A-CE2	RTO
	213A-EU3	Spray Dryer RTO Burner	NG	0.0096 MMcf/hr	213A-CE2	RTO
213A1	213A-EU1	Spray Dryer	Feed	0.48 tph	213A-CE4	Baghouse
	213A-EU2	Spray Dryer Burner	NG	0.01 MMcf/hr		

[1] Rated capacity is dependent on which product is dried (e.g., LB, YC, CY1, CY2, and CY3).

Applicable Requirements

Table 19. Dryer Emission Limits

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

EP	Pollutant	Emission Limit(s)	Authority for Requirement	Authority for Requirement LCPH ATI / PTO
207A 207B 207C 207D 207E 207F 213A	Opacity	40%	567 IAC 23.3(2)"d" LCO Sec. 10-60(a)	7823-R2 / 7593-R1 7824-R2 / 7594-R1 7825-R2 / 7595-R1 7826-R2 / 7596-R1 7827-R2 / 7597-R1 7828-R2 / 7598-R1 6783-R1 / 6827-R2
	PM	0.1 gr/dscf	567 IAC 23.3(2)"a"(1) LCO Sec. 10-62(a)(6)	
	SO_2	500 ppm_v[1]	567 IAC 23.3(3)"e" LCO Sec. 10-65(a)(2)	
207A	PM/PM_{10}	2.32 lb/hr		7823-R2 / 7593-R1
207B	PM/PM_{10}	1.85 lb/hr		7824-R2 / 7594-R1
207C	PM/PM_{10}	1.16 lb/hr		7825-R2 / 7595-R1
207D	PM/PM_{10}	1.16 lb/hr		7826-R2 / 7596-R1
207E	PM/PM_{10}	1.03 lb/hr		7827-R2 / 7597-R1
207F	PM/PM_{10}	1.03 lb/hr		7828-R1 / 7598-R1
213A	PM/PM_{10}	5.73 lb/hr		6783-R1 / 6827-R2

[1] The following emission units are inherently limited to combusting only natural gas: 207A-EU2, 207A-EU4, 207A-EU5, 207B-EU2, 207B-EU4, 207B-EU5, 207C-EU2, 207C-EU4, 207C-EU5, 207D-EU2, 207D-EU4, 207D-EU5, 207E-EU4, 207E-EU5, 207F-EU2, 207F-EU4, 207F-EU5, 213A-EU2, and 213A-EU3.

Table 20. Dryer Bypass Emission Limits

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

EP	Pollutant	Emission Limit(s)	Authority for Requirement	Authority for Requirement LCPH ATI / PTO
207A1 207A2 207B1 207B2 207C1 207C2 207D1 207D2 207E2 207F1 207F2 213A1	Opacity	40%	567 IAC 23.3(2)"d" LCO Sec. 10-60(a)	7849 / 7619-R1 7850 / 7620-R1 7851 / 7621-R1 7852 / 7622-R1 7853 / 7623-R1 7854 / 7624-R1 7855 / 7625-R1 7856 / 7626-R1 7857 / 7627-R1 7858 / 7628-R1 7859 / 7629-R1 7239 / 6590-R1
	PM	0.1 gr/dscf	567 IAC 23.3(2)"a"(1) LCO Sec. 10-62(a)(6)	
207A1	PM/PM_{10}	0.003 gr/dscf		7849 / 7619-R1
207A2	PM/PM_{10}	0.003 gr/dscf		7850 / 7620-R1
207B1	PM/PM_{10}	0.003 gr/dscf		7851 / 7621-R1
207B2	PM/PM_{10}	0.003 gr/dscf		7852 / 7622-R1
207C1	PM/PM_{10}	0.003 gr/dscf		7853 / 7623-R1
207C2	PM/PM_{10}	0.003 gr/dscf		7854 / 7624-R1

EP	Pollutant	Emission Limit(s)	Authority for Requirement	Authority for Requirement LCPH ATI / PTO
207D1	PM/PM_{10}	0.003 gr/dscf		7855 / 7625-R1
207D2	PM/PM_{10}	0.003 gr/dscf		7856 / 7626-R1
207E2	PM/PM_{10}	0.003 gr/dscf		7857 / 7627-R1
207F1	PM/PM_{10}	0.003 gr/dscf		7858 / 7628-R1
207F2	PM/PM_{10}	0.003 gr/dscf		7859 / 7629-R1
213A1	PM/PM_{10}	0.003 gr/dscf		7239 / 6590-R1

Operating Limits and Requirements

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

See Plant-Wide Conditions, Facility VOC/HAP Bubble Limits section, for facility operating requirements with associated monitoring and recordkeeping that apply to these emission points.

Operating Requirements and Associated Recordkeeping (Dryers)

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 Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

A. All control equipment included in Table 18 shall be maintained according to the manufacturer's specifications and good operating practices. The owner or operator shall record the date and description of all maintenance completed on the control equipment.

B. A broken bag monitor shall be operated and maintained according to the manufacturer's specifications on each of the dust collectors in Table 21. The owner or operator shall record the date and description of all maintenance completed on the broken bag monitor for each dust collector.

Table 21 - Summary of Control Equipment Required to Operate Broken Bag Monitor

CE ID
207A-CE1
207A-CE2
207B-CE1
207B-CE2

CE ID
207C-CE1
207C-CE2
207D-CE1
207D-CE2

CE ID
207E-CE2
207F-CE1
207F-CE2

C. The differential pressure across each of the dust collectors shall be maintained within the range stated in Table 22 while material is actively being transferred. A differential pressure outside of this range would not be considered a deviation if visible emissions are not present when the indicator is out of range and corrective actions are initiated as soon as possible, but no later than eight (8) hours from observation of the abnormal condition. This operational limit does not include periods of startup, shutdown, or cleaning of the control equipment. The owner or operator shall monitor and record the differential pressure across the listed dust collectors on a weekly basis.

Table 22 - Summary of Differential Pressure Ranges for Control Equipment in this CAP

CE ID	ΔP
207A-CE1	0.1" and 8.0" w.c.
207A-CE2	0.1" and 8.0" w.c.
207B-CE1	0.1" and 8.0" w.c.
207B-CE2	0.1" and 8.0" w.c.

CE ID	ΔP
207C-CE1	0.1" and 8.0" w.c.
207C-CE2	0.1" and 8.0" w.c.
207D-CE1	0.1" and 8.0" w.c.
207D-CE2	0.1" and 8.0" w.c.

CE ID	ΔP
207E-CE2	0.1" and 9.0" w.c.
207F-CE1	0.1" and 8.0" w.c.

CE ID	ΔP
207F-CE2	0.1" and 8.0" w.c.
213A-CE4	0.1" and 20.0" w.c.

D. The chamber temperature of each of the RTOs shall be maintained at or above the minimum temperature stated in Table 23. The owner or operator shall continuously monitor the 3-hour block average operating temperature of each RTO and record all 3-hour periods (during actual operations) when the average temperature of the RTO falls below the stated minimum temperature.

Table 23 - Summary of Compliant Chamber Temperature s for RTOs in this CAP

CE ID	Chamber Temperature (3-hour block average)
207A-CE3	≥ 1,510 °F
207B-CE3	≥ 1,510 °F
207C-CE3	≥ 1,510 °F
207D-CE3	≥ 1,510 °F

CE ID	Chamber Temperature (3-hour block average)
207E-CE3	≥ 1,475 °F
207F-CE3	≥ 1,475 °F
213A-CE2	≥ 1,510 °F

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.

Authority for Requirement (LCPH ATI / PTO): 7823-R2 / 7593-R1; 7824-R2 / 7594-R1; 7825-R2 / 7595-R1; 7826-R2 / 7596-R1; 7827-R2 / 7597-R1; 7828-R2 / 7598-R1; 6783-R1 / 6827-R2

Operating Requirements and Associated Recordkeeping (Dryer Bypass)

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 Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

A. During startup, each Dryer included in Table 24 are limited to purging 50 hours per 12-month rolling period. Materials shall not be fed into the dryer during the purging process. For each dryer, the owner or operator shall record the duration of each startup purge event and calculate the monthly and 12-month rolling totals.

Table 24 – Summary of Dryers

EU ID	EU ID	EU ID	EU ID
207A-EU1	207B-EU3	207D-EU1	207F-EU1
207A-EU3	207C-EU1	207D-EU3	207F-EU3
207B-EU1	207C-EU3	207E-EU3	213A-EU1

Authority for Requirement (LCPH ATI / PTO): 7849 / 7619-R1; 7850 / 7620-R1; 7851 / 7621-R1; 7852 / 7622-R1; 7853 / 7623-R1; 7854 / 7624-R1; 7855 / 7625-R1; 7856 / 7626-R1; 7857 / 7627-R1; 7858 / 7628-R1; 7859 / 7629-R1; 7239 / 6590-R1

Emission Point Characteristics

The emission points shall conform to the specifications listed below

Table 25. Stack Characteristics

EP	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Temp (°F)	Flowrate (scfm)	Authority for Requirement (LCPH ATI / PTO)
207A	30	V	53 x 30	274	19,412	7823-R2 / 7593-R1
207A1	83.5	V	36	68	9,706	7849 / 7619-R1
207A2	83.5	V	36	68	9,706	7850 / 7620-R1
207B	30	V	53 x 30	274	19,412	7824-R2 / 7594-R1
207B1	83.5	V	36	68	9,706	7851 / 7621-R1
207B2	83.5	V	36	68	9,706	7852 / 7622-R1
207C	60	V	53 x 30	280	19,254	7825-R2 / 7595-R1
207C1	83.5	V	36	68	9,627	7853 / 7623-R1
207C2	83.5	V	36	68	9,627	7854 / 7624-R1
207D	60	V	53 x 30	280	19,254	7826-R2 / 7596-R1
207D1	83.5	V	36	68	9,627	7855 / 7625-R1
207D2	83.5	V	36	68	9,627	7856 / 7626-R1
207E	30	V	36 x 78	250	40,000	7827-R2 / 7597-R1
207E2	83.5	V	36	68	20,000	7857 / 7627-R1
207F	30	V	36 x 78	350	40,000	7828-R2 / 7598-R1
207F1	83.5	V	36	68	20,000	7858 / 7628-R1
207F2	83.5	V	36	68	20,000	7859 / 7629-R1
213A	60	V	36 x 78	276	24,100	6783-R1 / 6827-R2
213A1	83.5	V	36	68	24,100	7239 / 6590-R1

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 any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence 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 monitoring requirements listed below.

Stack Testing

See Appendix C, Stack Testing Summary

Authority for Requirement: 567 IAC 24.108(14)

Agency Approved Operations & 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 24.108(3)

Emission Point ID Number: 208A, 208B, 208C, 208E, 208G, 208J, 208K, 208L

Table 26. Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CE ID	CE Description
208A	208A-EU1	Cooler 5	Feed	3.6 tph	208A-CE1	Cartridge Filters
	208A-EU2	Impact Mill 5	Feed	3.6 tph		
208B	208B-EU1	Cooler 6	Feed	3.6 tph	208B-CE1	Cartridge Filters
	208B-EU2	Impact Mill 6	Feed	3.6 tph		
208C	208C-EU1	Cooler 7	Feed	3.8 tph	208C-CE1	Cartridge Filters
	208C-EU2	Impact Mill 7	Feed	3.8 tph		
208E	208E-EU1	Cooler 9	Feed	4.5 tph	208E-CE1	Cartridge Filters
	208E-EU2	Impact Mill 9	Feed	4.5 tph		
208G	208G-EU1	Cooler 11	Feed	3.8 tph	208G-CE1	Cartridge Filters
	208G-EU2	Impact Mill 11	Feed	3.8 tph		
208J	208J-EU1	Cooler 14	Feed	3.6 tph	208J-CE1	Cartridge Filters
208K	208K-EU1	Cooler 15	Feed	3.6 tph	208K-CE1	Cartridge Filters
208L	208L-EU1	Cooler 16	Feed	3.6 tph	208L-CE1	Cartridge Filters

Applicable Requirements

Table 27. Emission Point Specific Emission Limits

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

EP	Pollutant	Emission Limit(s)	Authority for Requirement	Authority for Requirement LCPH ATI / PTO
208A 208B 208C 208E 208G 208J 208K 208L	Opacity	40%	567 IAC 23.3(2)"d" LCO Sec. 10-60(a)	7829 / 7599-R2; 7830 / 7600-R2 7831 / 7601-R2; 7832 / 7602-R2 7833 / 7603-R2; 7834 / 7604-R2 7835 / 7605-R2; 7836 / 7606-R2
	PM	0.1 gr/dscf	567 IAC 23.3(2)"a"(1) LCO Sec. 10-62(a)(6)	
208A	PM/PM_{10}	0.18 lb/hr		7829 / 7599-R2
208B	PM/PM_{10}	0.18 lb/hr		7830 / 7600-R2
208C	PM/PM_{10}	0.18 lb/hr		7831 / 7601-R2
208E	PM/PM_{10}	0.18 lb/hr		7832 / 7602-R2
208G	PM/PM_{10}	0.18 lb/hr		7833 / 7603-R2
208J	PM/PM_{10}	0.26 lb/hr		7834 / 7604-R2
208K	PM/PM_{10}	0.26 lb/hr		7835 / 7605-R2
208L	PM/PM_{10}	0.26 lb/hr		7836 / 7606-R2

Operating Limits and Requirements

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

See Plant-Wide Conditions, Facility VOC/HAP Bubble Limits section, for facility operating requirements with associated monitoring and recordkeeping that apply to these emission points.

Operating Requirements with Associated 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 Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

A. The control equipment shall be maintained according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on the control equipment.

B. The differential pressure across each of the following cartridge filters in Table 28 shall be maintained in the stated range when material is actively being transferred. A differential pressure outside this range would not be considered a deviation if visible emissions are not present when the indicator is out of range and corrective actions are initiated as soon as possible, but no later than eight (8) hours from observation of the abnormal condition. This operating limit does not include periods of startup, shutdown, or cleaning of the equipment. The owner or operator shall monitor and record the differential pressure across these cartridge filters on a weekly basis.

Table 28 - Summary of Differential Pressure Ranges for Control Equipment

CE ID	ΔP (w.c.)
208A-CE1	0.1" and 8.0"
208B-CE1	0.1" and 8.0"
208C-CE1	0.1" and 20.0"

CE ID	ΔP (w.c.)
208E-CE1	0.1" and 8.0"
208G-CE1	0.1" and 8.0"
208J-CE1	0.1" and 10.0"

CE ID	ΔP (w.c.)
208K-CE1	0.1" and 8.0"
208L-CE1	0.1" and 8.0"

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 / PTO): 7829 / 7599-R2; 7830 / 7600-R2; 7831 / 7601-R2; 7832 / 7602-R2; 7833 / 7603-R2; 7834 / 7604-R2; 7835 / 7605-R2; 7836 / 7606-R2

Emission Point Characteristics

Table 29. Stack Characteristics

The emission points shall conform to the specifications listed below.

EP	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Temp (°F)	Flowrate (scfm)	Authority for Requirement LCPH ATI / PTO
208A	65	V	12	110	2,700	7829 / 7599-R2
208B	65	V	12	110	2,700	7830 / 7600-R2
208C	65	V	12	110	2,700	7831 / 7601-R2
208E	65	V	12	110	2,700	7832 / 7602-R2
208G	65	V	12	110	2,700	7833 / 7603-R2
208J	83.5	V	12	110	3,000	7834 / 7604-R2
208K	75	V	12	110	3,000	7835 / 7605-R2
208L	40	V	12	110	3,000	7836 / 7606-R2

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 any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence 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 monitoring requirements listed below.

Stack Testing

See Appendix C, Stack Testing Summary

Authority for Requirement: 567 IAC 24.108(14)

Agency Approved Operations & 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 24.108(3)

Emission Point ID Number: 219A, 219B, 220A

Table 30. Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CE ID	CE Description
219A	219A-EU1	Loadout Bin LOB 101	Feed	50 tph	219A-CE1	Bin Vent Filter
219B	219B-EU1	Loadout Bin LOB 102	Feed	50 tph	219B-CE1	Bin Vent Filter
220A	220A-EU1	Bulk Loadout	Feed	50 tph	220A-CE1	Baghouse

Applicable Requirements

Table 31. Emission Limits

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

EP	Pollutant	Emission Limit(s)	Authority for Requirement	Authority for Requirement LCPH ATI / PTO
219A 219B 220A	Opacity	20%	LCO Sec. 10-60(a)	7313 / 7135 7314 / 7136 7315 / 7137
	PM	0.1 gr/dscf	567 IAC 23.3(2)"a"(1) LCO Sec. 10-62(a)(6)	
220A	PM/PM_{10}	0.005 gr/dscf		7315 / 7137

Operating Limits and Requirements

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

Operating Requirements with Associated 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 Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

A. All control equipment listed in Table 30 shall be maintained according to the manufacturer's specifications and good operating practices. The owner or operator shall maintain a record of all maintenance completed on all control equipment.

B. The differential pressure across 220A-CE1 shall be maintained between 0.1" and 9.0" w.c. when material is actively being transferred. A differential pressure outside of this range would not be considered a deviation if visible emissions are not present when the indicator is out of range and corrective actions are initiated as soon as possible but no longer than eight (8) hours from observation of the abnormal condition. This operating limit does not include periods of startup, shutdown, or cleaning of the control equipment. The owner or operator shall monitor and record the differential pressure across 220A-CE1 on a weekly basis.

C. The owner or operator shall monitor and record 'no visible emissions' observations on a weekly basis on all emission points in Table 30. 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 / PTO): 7313 / 7135; 7314 / 7136; 7315 / 7137

Emission Point Characteristics

Table 32. Stack Characteristics

The emission points shall conform to the specifications listed below.

EP	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Temp (°F)	Flowrate (acfm)	Authority for Requirement LCPH ATI / PTO
219A	43	VR	14	Ambient	Passive	7313 / 7135
219B	43	VR	14	Ambient	Passive	7314 / 7136
220A	43	VR	8	Ambient	1,050	7315 / 7137

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 any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence 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 monitoring requirements listed below.

Opacity Monitoring

See Appendix D, Opacity Monitoring Summary.

Authority for Requirement: 567 IAC 24.108(14)

Agency Approved Operations & 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 24.108(3)

Emission Point ID Number: 300A, 300B

Table 33. Associated Equipment

EP	EU	EU Description	Raw Material	Rated Capacity	CE ID	CE Description
300A	300A-EU1	YGS Bioreactor 1	Yeast	0.257 tph	--	--
300B	300B-EU1	YGS Bioreactor 2	Yeast	0.257 tph	--	--

Applicable Requirements

Operating Limits and Requirements

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

See Plant-Wide Conditions, Facility VOC/HAP Bubble Limits section, for facility operating requirements with associated monitoring and recordkeeping that apply to these emission points.

Operating Requirements with Associated 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 Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

A. The facility is limited to producing a maximum of 1,150 tons (2.3 million pounds) of yeast in any rolling 12-month period.
   (1) The owner or operator shall maintain the following monthly records:
      a. The number of tons (or pounds) of yeast produced in EU300A-EU1.
      b. The number of tons (or pounds) of yeast produced in EU300B-EU1.
      c. The rolling 12-month total amount of yeast produced between EU300A-EU1 and EU300B-EU1.

Authority for Requirement (LCPH ATI / PTO): 8030-R1 / 7716-R1; 8031-R1 / 7717-R1

Emission Point Characteristics

Table 34. Stack Characteristics

The emission points shall conform to the specifications listed below.

EP	Stack Height (feet, above ground)	Discharge Style	Stack Opening (inches, dia.)	Temp (°F)	Flowrate (acfm)	Authority for Requirement LCPH ATI / PTO
300A	90	Downward	12	90	1,500	8030-R1 / 7716-R1
300B	90	Downward	12	90	1,500	8031-R1 / 7717-R1

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 any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence 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 monitoring requirements listed below.

Agency Approved Operations & 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 24.108(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 24 and Linn County Code of Ordinances (LCCO) Chapter 10 – Environment, Article III, Sec. 10-57.

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 24.108(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 24.105 (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 24.108 (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 24.108 (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 24.108 (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 24.108(15)"c"

G2. Permit Expiration

1. Except as provided in rule 567—24.104(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—24.105(455B). 567 IAC 24.116(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, Wallace State Office Building, 502 E 9th St., Des Moines, IA 50319-0034, 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 Permitting & Standards Branch, 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 24.105(2). 567 IAC 24.105

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 24.107 (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 24.108 (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 24.107(4). The semi-annual monitoring report shall be submitted to the director and Linn County Public Health Air Quality Division. 567 IAC 24.108 (5)

G6. Annual Fees

1. The permittee is required under subrule 567 IAC 30.4(2) to pay an annual fee based on the total tons of actual emissions of each regulated air pollutant. 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.
    a. 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.
    b. The emissions inventory shall be submitted annually by March 31 with forms specified by the department documenting actual emissions for the previous calendar year.
    c. The fee shall be submitted annually by July 1 with forms specified by the department.
    d. 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.
    e. 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.
    f. Failure to pay the appropriate Title V fee represents cause for revocation of the Title V permit as indicated in 567 IAC 24.115(1)"d".
2. The permittee is required under subrule 567 IAC 30.4(3) to pay an annual fee base fee based on the fee schedule approved by the commission and posted on the department's website. Beginning July 1, 2026, Title V operating base fees will be paid on July 1 of each year.

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 24.108 (15)"b" and LCO Sec. 10-75

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 24.108 (9)"e" and LCO Sec. 10-71 and 10-72

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 LCO Sec. 10-67(b)

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;
   f. The operating conditions as existing at the time of sampling or measurement; and
   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 24.108(4), 567 IAC 24.108(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 24;
   b. Compliance test methods specified in 567 Chapter 21; or
   c. Testing or monitoring methods approved for the source in a construction permit issued pursuant to 567 Chapter 24.
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 LCO Sec. 10-69(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 24.108(6)

G13. Hazardous Release

Any permittee manufacturing, storing, handling, transporting, or disposing of a hazardous substance shall report a hazardous condition to the department at (515) 725-8694 and either the local police department or the office of the sheriff of the county where the hazardous condition occurred. The initial report shall be made as soon as possible but not later than six hours after the onset or discovery of the hazardous condition. This initial report must be followed up with a written report as indicated in 567 IAC 105.5(2). *567 IAC Chapter 105-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 21.10(6). An initial report of excess emission is not required for a source with operational continuous monitoring equipment (as specified in 567-subrule 21.10(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 21.7(1)-567 IAC 21.7(4) and LCO Sec. 10-67

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 24.108(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 24.108(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 24.
   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—24.140(455B) through 567 - 24.144(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
      viii. Any permit term or condition no longer applicable as a result of the change. 567 IAC 24.110(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 24.110(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 24.110(1). 567 IAC 24.110(3)
4. The permit shield provided in subrule 24.108(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 24.110(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 24.108(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 - 24.113(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 24.107(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 24.107(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 24.112(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.

a. 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 24, 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.

b. 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 24.111-567 IAC 24.113

G19. Duty to Obtain Construction Permits

Unless exempted in 567 IAC 24.1(2) or to meet the parameters established in 567 IAC 24.1(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 Sec. 10-58

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 provided in LCCO Sec. 10-63.

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. Exceedances 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 24.108(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 or greenhouse gas generating substances 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 24.108(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 24.108(17)"a", 567 IAC 24.108(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 24.114
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 24.114
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 24.114

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:
   a. The provisions of Section 303 of the Act (emergency orders), including the authority of the administrator under that section;
   b. 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;
   c. The applicable requirements of the acid rain program, consistent with Section 408(a) of the Act;
   d. The ability of the department or the administrator to obtain information from the facility pursuant to Section 114 of the Act. 567 IAC 24.108 (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 24.108 (8)

G27. Property Rights

The permit does not convey any property rights of any sort, or any exclusive privilege. 567 IAC 24.108 (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 24.111(1). 567 IAC 24.111 (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:

Linn County Public Health
Air Quality Division
1020 6th St. SE
Cedar Rapids, IA 52401
(319) 892-6000

567 IAC 21.10(7)"a", 567 IAC 21.10(9), and LCCO Sec. 10-70

G31. Prevention of Air Pollution Emergency Episodes

The permittee shall comply with the provisions of 567 IAC Chapter 21 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 21.10(14)

G32. Contacts List

The current address and phone number for reports and notifications to the EPA administrator is:

Iowa Compliance Officer
Air Branch
Enforcement and Compliance Assurance Division
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
Wallace State Office Building
502 E 9th St.
Des Moines, IA 50319-0034
(515) 725-8200

Reports or notifications to the Linn County local program shall be directed to the supervisor at the Linn County local program. The current address and phone number is:

Linn County Public Health
Air Quality Division
1020 6th Street SE
Cedar Rapids, IA 52401
(319) 892-6000

Appendix A: Applicable Federal Standards

There are no applicable federal standards.

Appendix B: Opacity Monitoring Summary

Opacity Monitoring

The facility shall check the opacity weekly during a period when the emission unit listed in Opacity Monitoring Table 35 is operating with product at or near full capacity and record the reading. Maintain a written record of the observation and any action resulting from the observation for a minimum of five years. Opacity shall be observed to ensure that no visible emissions occur during the material handling operation of the unit. If visible emissions are observed corrective action will be taken as soon as possible, but no later than eight 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 an opacity >20 % is observed, this would be a violation and corrective action will be taken as soon as possible, but no later than eight hours from the observation of visible emissions. If weather conditions prevent the observer from conducting an opacity observation, the observer shall note such conditions on the data observation sheet. At least three attempts shall be made to retake opacity readings at approximately 2-hour intervals throughout the day. If all observation attempts for a week have been unsuccessful due to weather, an observation shall be made the next operating day where weather permits.

Table 35 - Opacity Monitoring Table

EP	EU ID	EP	EU ID
201C	201C-EU1	219A	219A-EU1
219B	219B-EU1	220A	220A-EU1

Authority for Requirement: 567 IAC 24.108(14)

Appendix C: Stack Testing Summary

Table 36 - Stack Testing Summary

EP	EU Description	Pollutant	Compliance Methodology	Completion Deadline	Test Method
203A	Pneumatic Grain Transfer	PM	Stack Test	10/31/29	40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M, Method 202
203B	Hammermill 2	PM	Stack Test	10/31/29	40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M, Method 202
Multiple	Dryer[1,2]	PM	Stack Test	10/31/29	40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M, Method 202
Multiple	Cooler[3,4]	VOC	Stack Test	10/31/29	40 CFR 63, Appendix A, Method 320 or 40 CFR 60, Appendix A, Method 18
Multiple	Cooler	HAP	Stack Test	10/31/29	40 CFR 63, Appendix A, Method 320 or 40 CFR 60, Appendix A, Method 18

[1] The owner or operator shall either conduct representative compliance testing for EP207A (Dryers 5/6), EP207B (Dryers 7/8), EP207C (Dryers 9/10), EP207D (Dryers 11/12), or EP207F (Dryers 15/16) or conduct compliance testing on all five (5) emission points.

[2] If the owner or operator decides to conduct representative compliance testing, it shall conduct testing on one (1) of the of the following emission points: EP207A (Dryers 5/6), EP207B (Dryers 7/8), EP207C (Dryers 9/10), EP207D (Dryers 11/12), or EP207F (Dryers 15/16). The compliance test results from that test shall be considered representative for the other listed emission points. If the tested emission point indicates non-compliance, the facility will be considered in violation of the emission limits set for the other emission points, or they may be tested independently to verify compliance.

[3] The owner or operator shall either conduct representative compliance testing for EP208A (Cooler 5), EP208B (Cooler 6), EP208C (Cooler 7), EP208E (Cooler 9), EP208G (Cooler 11), EP208J (Cooler 14), EP208K (Cooler 15), or EP208L (Cooler 16) or conduct compliance testing on all eight (8) emission points.

[4] If the owner or operator decides to conduct representative compliance testing, it shall conduct testing on one (1) of the following emission points: EP208A (Cooler 5), EP208B (Cooler 6), EP208C (Cooler 7), EP208E (Cooler 9), EP208G (Cooler 11), EP208J (Cooler 14), EP208K (Cooler 15), or EP208L (Cooler 16). The compliance test results from that test shall be considered representative for the other listed emission points. If the tested emission point indicates non-compliance, the facility will be considered in violation of the emission limits set for the other emission points, or they may be tested independently to verify compliance.

The owner of this equipment or the owner's authorized agent shall provide written notice to the Director, not less than 30 days before a required stack test or performance evaluation of a continuous emission monitor. Results of the test shall be submitted in writing to the Director in the form of a comprehensive report within 6 weeks of completion of the testing. 567 IAC 21.10(7)

Authority for Requirement – 567 IAC 24.108(3) (All)