Iowa Department of Natural Resources
Title V Operating Permit

Name of Permitted Facility: Henniges Automotive Iowa, Inc.
Facility Location: 3200 Main Street
Keokuk, Iowa 52632
Air Quality Operating Permit Number: 04-TV-015R3
Expiration Date: March 27, 2028
Permit Renewal Application Deadline: September 27, 2027

EIQ Number: 92-4582
Facility File Number: 56-01-008

Responsible Official
Name: Shawn McAfee
Title: General Manager
Mailing Address: 3200 Main St, Keokuk, IA 52632
Phone #: (319) 524-4560

Permit Contact Person for the Facility
Name: Charles Biffle
Title: Sr. EHS Specialist
Mailing Address: 3200 Main St, Keokuk, IA 52632
Phone #: (319) 524-4560

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

For the Director of the Department of Natural Resources

Marnie Stein 3/28/2023

Marnie Stein, Supervisor of Air Operating Permits Section Date

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Abbreviations

acfm.....actual cubic feet per minute
CFR.....Code of Federal Regulation
CE .....control equipment
CEM.....continuous emission monitor
^{o}F .....degrees Fahrenheit
EIQ.....emissions inventory questionnaire
EP.....emission point
EU .....emission unit
gr./dscf .....grains per dry standard cubic foot
IAC.....Iowa Administrative Code
IDNR.....Iowa Department of Natural Resources
MVAC.....motor vehicle air conditioner
NAICS.....North American Industry Classification System
NSPS .....new source performance standard
ppmv .....parts per million by volume
lb./hr .....pounds per hour
lb./MMBtu .....pounds per million British thermal units
SCC .....Source Classification Codes
scfm.....standard cubic feet per minute
SIC .....Standard Industrial Classification
TPY .....tons per year
USEPA.....United States Environmental Protection Agency

Pollutants
PM.....particulate matter
PM_{10} .....particulate matter ten microns or less in diameter
SO_2 .....sulfur dioxide
NO_x .....nitrogen oxides
VOC……volatile organic compound
CO .....carbon monoxide
HAP.....hazardous air pollutant

I. Facility Description and Equipment List

Facility Name: Henniges Automotive Iowa, Inc.
Permit Number: 04-TV-015R3

Facility Description: Rubber Parts Manufacturing (SIC 3069)

Equipment List

Table A – Line 1

Emission Point ID	Emission Unit ID	Emission Unit Description	DNR Construction Permit	Control Equipment
101	101	Line 1 Infratrol Oven #1	92-A-490-S1	
102	102	Line 1 Infratrol Oven #2	92-A-491-S1	
103	103	Line 1 Infratrol Oven #3	03-A-473-S1	
104	104	Line 1 Oven Exit Exhaust #1	03-A-474	
105	105	Line 1 Glue Booth	92-A-343-S2	CE 105 Dry Filters
106	106	Line 1 Coating Booth	97-A-805-S2	CE 106 Dry Filters
107	107	Line 1 Infratrol Oven #4	92-A-344-S1	
108	108	Line 1 Infratrol Oven #5	92-A-345-S1	
109	109	Line 1 Oven Exit Exhaust Hood #2	03-A-475	
110	110	Line 1 Plasma Unit	07-A-1203	
	111	Line 1 Flock Room Exhaust		

Table B – Welding & Grinding

Emission Point ID	Emission Unit ID	Emission Unit Description	DNR Construction Permit	Control Equipment
123	123	Maintenance Shop Welding	92-A-496	
125	125	Grinder	03-A-697	
126	126A	Tool & Die Shop Welder #1	03-A-698	
	126B	Tool & Die Shop Welder #2		
	126C	Tool & Die Shop Welder #3		
	126D	Tool & Die Shop Welder #4		

Table C – Cement House

Emission Point ID	Emission Unit ID	Emission Unit Description	DNR Construction Permit	Control Equipment
134	134	Cement House Room Exhaust	03-A-742	
135	135	Cement House Exhaust Hood	03-A-743	
137	137	Cloth Combining Line Preheater	03-A-702	CE 36 Dry Filters

Table D – Line 2

Emission Point ID	Emission Unit ID	Emission Unit Description	DNR Construction Permit	Control Equipment
200	200	Line 2 Pre Heat Oven	07-A-1549-S1	
201	201	Line 2 Infratrol Oven #1	03-A-536-S4	
202	202	Line 2 Infratrol Oven #2	92-A-488-S5	
203	203	Line 2 Infratrol Oven #3	92-A-489-S5	
204	204	Line 2 Oven Exit Exhaust #1	03-A-537-S4	
	204A	Line 2 Hugger		
	204B	Line 2 Plastic Extruder Hood		
205	205	Line 2 Coating Booth	92-A-064-S9	CE 205 Dry Filters
	205B	Plasma Treater		N/A
210	210	Line 2 IR Curing Ovens	13-A-481-S1	
211	211	Spray Booth (4 guns @ 4.3 oz/min each)	17-A-057-S2	CE 211 Dry Filters

Table E – Line 3

Emission Point ID	Emission Unit ID	Emission Unit Description	DNR Construction Permit	Control Equipment
301	301	Line 3 Infratrol Oven #1	03-A-398	
302	302	Line 3 Infratrol Oven #2	92-A-055-S1	
303	303	Line 3 Infratrol Oven #3	92-A-056-S1	
304	304	Line 3 Oven Exit Exhaust Hood #1	03-A-399	
	304A	Line 3 Oven Hugger		
	304B	Line 3 Hugger Exhaust Hood		
305M	305	Line 3 Coating Booth	06-A-020-S1	CE 4 Dry Filters
306M	306M	Line 3 Coating Station	17-A-150	CE 306M Dry Filters
	306MB	Plasma Treater		N/A
309	309	Line 3 Curing Oven Exhaust Hood	NA	

Table F – Line 3A

Emission Point ID	Emission Unit ID	Emission Unit Description	DNR Construction Permit	Control Equipment
3A01	3A01	Line 3A Infratrol Oven #1	97-A-356-S1	
3A02	3A02	Line 3A Infratrol Oven #2	97-A-357-S1	
3A03	3A03	Line 3A Infratrol Oven #3	97-A-358-S1	
3A04	3A04	Line 3A Infratrol Oven #4	97-A-359-S1	
3A05	3A05A	Line 3A Exhaust Hood After Curing Ovens	97-A-360-S2	
	3A05B	Line 3A Hugger After Curing Ovens		
	3A05C	Line 3A Oven Exhaust Hood C		
3A08	3A08	Line 3A Infratrol Oven #5	97-A-362-S1	
3A09	3A09	Line 3A Infratrol Oven #6	97-A-363-S1	
3A10	3A10	Line 3A Infratrol Oven #7	97-A-364-S1	
3A06	3A06	Line 3A Spray Booth	01-A-731-S5	CE 6 Dry Filters
3A07	3A07	Line 3A Glue Booth	97-A-361-S2	CE 7 Dry Filters
3A11	3A11	Line 3A Plasma Unit & Flock Room Exhaust	07-A-1264-S1	

Table G – Line 4

Emission Point ID	Emission Unit ID	Emission Unit Description	DNR Construction Permit	Control Equipment
400	400	Line 4 Infratrol Jet Air Oven	03-A-1076	
401	401	Line 4 Infratrol Oven #1	03-A-1077	
402	402	Line 4 Infratrol Oven #2	03-A-1078	
403	403	Line 4 Infratrol Oven #3	03-A-1079	
404	404RA	Line 4 Oven Exhaust Hood	03-A-1080-S1	
	404RB	Line 4 Plasma Unit		
405R	405R	Line 4 Coating Booth	05-A-927	CE 405 Dry Filters
406R	406R	Line 4 Infrared Curing Oven	05-A-928	
407	407	Line 4 Coating Booth 2	16-A-422	CE 407 Dry Filters

Table H – Line 5

Emission Point ID	Emission Unit ID	Emission Unit Description	Iowa DNR Construction Permit	Control Equipment
501IR	501IR	Line 5 Infrared Preheat	07-A-001	
501	501	Line 5 Infratrol Oven #1	97-A-365-S1	
502	502	Line 5 Infratrol Oven #2	97-A-366-S2	
503	503	Line 5 Infratrol Oven #3	97-A-367-S2	
504	504A	Line 5 Oven Exhaust #1	97-A-368-S1	
	504B	Line 5 Oven Exhaust #2		
	504C	Line 5 Oven Exhaust #3		
505R	505R	Line 5 Coating Booth	03-A-638-S2	CE-505R Dry Filters
506R1	506R1	Line 5 Infrared Oven	07-A-1202	

Table I – Line 6

Emission Point ID	Emission Unit ID	Emission Unit Description	DNR Construction Permit	Control Equipment
601M	601IRM	Line 6 IR Pre Heater	14-A-445	
	061AM	Line 6 Natural Gas Oven Exhaust Hood		
603M	603M	Line 6 Gerlach Oven	14-A-447-S1	
605M	605AM	Line 6 Gerlach Oven Exhaust	14-A-449-S1	
	605M			
606M	606M	Line 6 Gerlach Oven	14-A-450	
607M	607M	Line 6 Gerlach Oven	14-A-451-S1	
608M	608AM	Line 6 Plasma Treater	14-A-452-S2	CE 608M Dry Filters
	608M	Line 6 Coating Spray Booth		
609M	609M	Line 6 Coating Spray Booth	14-A-453-S2	CE 609M Dry Filters
610M	610M	Line 6 IR Cure Ovens (Seven)	14-A-454-S1	
	611M			
	612M			
	613M			
	614M			
	615M			
	616M			

Table J – Line 7

Emission Point ID	Emission Unit ID	Emission Unit Description	DNR Construction Permit	Control Equipment
701	701	Line 7 Infratrol Oven #1	03-A-488	
702	702	Line 7 Infratrol Oven #2	03-A-489	
703	703	Line 7 Infratrol Oven #3	03-A-490	
704	704	Line 7 Oven Exit Exhaust Hood	03-A-491	
705	705	Line 7 Coating Spray Booth	11-A-445	CE 42 Dry Filters
706	707	Line 7 Infratrol Oven #4	11-A-446	
707			11-A-447	
708			11-A-448	

Table K – Line 9

Emission Point ID	Emission Unit ID	Emission Unit Description	DNR Construction Permit	Control Equipment
900	900	Line 9 Infrared Oven	07-A-1200	
901	901	Line 9 Infratrol Oven #1	03-A-565-S1	
902	902	Line 9 Infratrol Oven #2	03-A-566-S2	
903	903	Line 9 Infratrol Oven #3	03-A-567-S2	
904	904A	Line 9 Oven Exit Exhaust Hood	03-A-568-S1	
	904B	Line 9 Exhaust Hood		
	904C	Line 9 Hugger Exhaust		
905	905	Line 9 Coating Booth	92-A-065-S4	CE 16 Dry Filters
	909	Plasma Dyne Surface Treating Unit		
906	906	Line 9 Infratrol Oven #4	03-A-496-S1	
907	907	Line 9 Infratrol Oven #5	03-A-498-S2	
908	908	Line 9 Oven Exhaust Hood	07-A-1201	CE 14 Filters

Table L – Line 11

Emission Point ID	Emission Unit ID	Emission Unit Description	DNR Construction Permit	Control Equipment
1101	1101	Line 11 Electric Ballotini Oven	03-A-274	
1102	1102	Line 11 Ballotini Reclaim Tank	03-A-275	
1103	1103A	Line 11 Plastic Extruder Exhaust Hood	03-A-276	
	1103B	Line 11 Preheater Exhaust Hood		
1104	1104	Line 11 Coating Booth	03-A-277-S2	CE 18 Dry Filters
1105	1105B	Line 11 Infrared Oven	03-A-278-S4	
	1105C	Line 11 Infrared Oven Exhaust Hood		
	1107	Line 11 Coating Booth		CE 1107 Dry Filters

Table M – Line 12

Emission Point ID	Emission Unit ID	Emission Unit Description	DNR Construction Permit	Control Equipment
1201IR	1201IR	Line 12 Infrared Heater (45 kW)	03-A-509-S1	
1202	1202	Line 12 Infratrol Oven #2	03-A-510-S1	
1203	1203	Line 12 Infratrol Oven #3	03-A-511-S1	
1204	1204	Line 12 Infratrol Oven #4	03-A-512-S1	
1205	1205A	Line 12 Oven Exhaust Hood #1	03-A-513-S2	
1206	1206	Line 12 Coating Booth	03-A-1203-S1	CE 19 Dry Filters
1207	1207A	Line 12 Infrared Oven (3 @ 30 kW)	03-A-1204-S1	
	1207B	Line 12 Infrared Oven (1 @ 180 kW)		
1208	1208	Line 12 Coating Spray Booth	11-A-504-S1	CE 1208 Dry Filters

Table N – Line 13

Emission Point ID	Emission Unit ID	Emission Unit Description	DNR Construction Permit	Control Equipment
1301	1301A	Line 13IR Preheater Exhuast Hood	12-A-181-S1	
	1301B	Line 13 Gerlach #1 Exhaust Hood		
	1301IR	Line 13 IR Preheater Oven		
1302	1302	Line 13 Gerlach Oven #1	12-A-182-S1	
1303	1303	Line 13 Ovens Gap Hood	12-A-183	
1304	1304	Line 13 Gerlach Oven #2	12-A-184	
1305	1305	Line 13 Oven #2 Exhaust Hood	12-A-185-S1	
1306	1306	Line 13 Coating Spray Booth	12-A-186	CE 1306 Filter
1307	1307	Line 13 Coating Spray Booth	12-A-187	CE 1307 Filter
1308	1308	Line 13 IR Cure Oven Exhaust	12-A-188	

Table O – Line 14

Emission Point ID	Emission Unit ID	Emission Unit Description	DNR Construction Permit	Control Equipment
1401IR	1401A	Line 14 IR Preheater Exhaust Hood	12-A-189	
	1401B	Line 14 Exhaust Hood		
	1401IR	IR Preheater Oven		
1402	1402	Line 14 Jet Air Oven	12-A-190	
1403	1403	Line 14 Gerlach Oven #1	12-A-191	
1404	1404	Line 14 Ovens Gap Hood	12-A-192	
1405	1405	Line 14 Gerlach Oven #2	12-A-193	
1406	1406	Line 14 Oven #2 Exhaust Hood	12-A-194	
1407	1407	Line 14 Coating Spray Booth	12-A-195	CE 1407 Dry Filters
1408	1408	Line 14 Coating Spray Booth	12-A-196	CE 1408 Dry Filters
1409	1409	Line 14 IR Cure Oven Exhaust	12-A-197	

Table P – RS Coating Line

Emission Point ID	Emission Unit ID	Emission Unit Description	DNR Construction Permit	Control Equipment
2701	2701	RS Primer Booth #1	94-A-441-S3	CE 39 Dry Filters
2703	2703	RS Flash Off Tunnel	94-A-443-S2	
2704	2704	RS Top Coat Booth	94-A-444-S3	CE 41 Dry Filters
2705	2705	RS Coating Cure Oven	94-A-445-S3	

Table Q – Mixers & Silos

Emission Point ID	Emission Unit ID	Emission Unit Description	DNR Construction Permit	Control Equipment
4001	4001	Carbon Black Mixer #1	00-A-810-S1	CE 4001 Baghouse - Fabric Filter
4002	4002	Carbon Black Mixer #2	00-A-811-S3	CE 4002 Baghouse - Fabric Filter
4003	4003	Carbon Black Silo #1	00-A-808	CE 4003 Baghouse - Fabric Filter
4004	4004	Carbon Black Silo #2	00-A-809	CE 4004 Baghouse - Fabric Filter
4005	4005	Talc Silo #3	01-A-825-S1	CE 4005 Baghouse - Fabric Filter

Table R – Finish Line

Emission Point ID	Emission Unit ID	Emission Unit Description	DNR Construction Permit	Control Equipment
B1	B1	Front Door Spray Coating Booth 3 stationary nozzles & 2 hand-held guns 10.0 oz/min (at any given time)	16-A-507-S1	CE B1 Dry Filters

Table S – Miscellaneous Sources

Emission Point ID	Emission Unit ID	Emission Unit Description	DNR Construction Permit	Control Equipment
BULK GLUE ROOM	BULK GLUE ROOM	Bulk Adhesive Delivery Room	05-A-268	
EP-MIX	EU-MIX	Mixing Room	13-A-408	
2204	2204	Service Parts Drying Oven	92-A-419-S1	
2205	2205	Service Parts Coating Booth	92-A-420-S1	CE 38 Dry Filters
128	128	Diesel Generator (800 hp)	N/A	
130	130	Diesel Fire Pump (237 hp)	N/A	

Insignificant Activities Equipment List

Insignificant Emission Unit ID	Insignificant Emission Unit Description
2700	RS Mixing Room
129	Diesel Generator Fuel Tank (300 gallons)
131	Fire Pump Fuel Tank (250 gallons)
B6	Drake Oil Process Tank #1 (5,270 gallons)
B7	Drake Oil Process Tank #2 (5,270 gallons)
B8	Boiler Diesel Fuel Tank (1,000 gallons)
TF1	Tank Farm Process Oil Vent (6 tanks, 5,800 gallons each)
TF2	Tank Farm Waste Oil (7,500 gallons)
MCDT	Mixing Center Day Tank (1,000 gallons)
D1-A	2nd Floor Lab Exhaust Hood
D1-B	2nd Floor Lab Exhaust Hood
D3	2nd Floor Room Vent
PB1	Maintenance Paint Booth

II. Plant-Wide Conditions

Facility Name: Henniges Automotive Iowa, Inc.
Permit Number: 04-TV-015R3

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

Permit Duration

The term of this permit is: Five (5) years
Commencing on: March 28, 2023
Ending on: March 27, 2028

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

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

Opacity (visible emissions): 40% opacity
Authority for Requirement: 567 IAC 23.3(2)"d"

Sulfur Dioxide (SO_2): 500 parts per million by volume
Authority for Requirement: 567 IAC 23.3(3)"e"

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 on or after July 21, 1999, the emission of particulate matter from any process shall not exceed an emission standard of 0.1 grain per dry standard cubic foot of exhaust gas, except as provided in 567 – 21.2(455B), 23.1(455B), 23.4(455B) and 567 – Chapter 24.
For sources constructed, modified or reconstructed prior to July 21, 1999, the emission of particulate matter from any process shall not exceed the amount determined from Table I, or amount specified in a permit if based on an emission standard of 0.1 grain per standard cubic foot of exhaust gas or established from standards provided in 23.1(455B) and 23.4(455B).
Authority for Requirement: 567 IAC 23.3(2)"a"

Fugitive Dust: Attainment and Unclassified Areas - A person shall take reasonable precautions to prevent particulate matter from becoming airborne in quantities sufficient to cause a nuisance as defined in Iowa Code section 657.1 when the person allows, causes or permits any materials to be handled, transported or stored or a building, its appurtenances or a construction haul road to be used, constructed, altered, repaired or demolished, with the exception of farming operations or

dust generated by ordinary travel on unpaved roads. Ordinary travel includes routine traffic and road maintenance activities such as scarifying, compacting, transporting road maintenance surfacing material, and scraping of the unpaved public road surface. (the preceding sentence is State Only) All persons, with the above exceptions, shall take reasonable precautions to prevent the discharge of visible emissions of fugitive dusts beyond the lot line of the property on which the emissions originate. The public highway authority shall be responsible for taking corrective action in those cases where said authority has received complaints of or has actual knowledge of dust conditions which require abatement pursuant to this subrule. Reasonable precautions may include, but not be limited to, the following procedures.

1. Use, where practical, of water or chemicals for control of dusts in the demolition of existing buildings or structures, construction operations, the grading of roads or the clearing of land.
2. Application of suitable materials, such as but not limited to asphalt, oil, water or chemicals on unpaved roads, material stockpiles, race tracks and other surfaces which can give rise to airborne dusts.
3. Installation and use of containment or control equipment, to enclose or otherwise limit the emissions resulting from the handling and transfer of dusty materials, such as but not limited to grain, 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"

NESHAP Requirements

Emission Unit 128:

This engine is subject to the following federal regulation: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE NESHAP).

Authority for Requirement: 40 CFR Part 63 Subpart ZZZZ
567 IAC 23.1(4)"cz"

Emission Unit 130:

According to 40 CFR 63.6590(c)(6), this emergency engine must meet the requirements of subpart ZZZZ by meeting the requirements of 40 CFR 60 Subpart IIII for compression ignition engines.

Authority for Requirement: 40 CFR Part 63 Subpart ZZZZ
567 IAC 23.1(4)"cz"

This engine is subject to the requirements of the Standards of Performance for Stationary Compression Ignition Internal Combustion Engines [40 CFR Part 60 Subpart IIII].

Authority for Requirement: 40 CFR Part 60 Subpart IIII
567 IAC 23.1(2)"yyy"

III. Emission Point-Specific Conditions

Facility Name: Henniges Automotive Iowa, Inc.
Permit Number: **04-TV-015R3**

Emission Point ID Number: See Table A – Line 1

Associated Equipment

Table A-1

Emission Point ID	Emission Unit ID	Emission Unit Description	Raw Material / Fuel	Rated Capacity	Control Equipment
101	101	Line 1 Infratrol Oven #1	Rubber	600 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
102	102	Line 1 Infratrol Oven #2	Rubber	600 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
103	103	Line 1 Infratrol Oven #3	Rubber	600 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
104	104	Line 1 Oven Exit Exhaust #1	Rubber	600 lb/hr	NA
105	105	Line 1 Glue Booth	Adhesives	3.2 lb/hr	CE 105 Dry Filters
106	106	Line 1 Coating Booth	Coatings	187.5 lb/hr	CE 106 Dry Filters
107	107	Line 1 Infratrol Oven #4	Rubber	600 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
108	108	Line 1 Infratrol Oven #5	Rubber	600 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
109	109	Line 1 Oven Exit Exhaust Hood #2	Rubber	600 lb/hr	NA
110	110	Line 1 Plasma Unit	Rubber	600 lb/hr	NA
	111	Line 1 Flock Room	Flock-lok	0.2 lb/hr	

Applicable Requirements

The following requirements apply to the emission points identified in Table A-1

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

The emissions from the emission points listed in the table below shall not exceed the levels specified below.

Table A-2

Emission Point	Emission Unit	Opacity 567 IAC 23.3(2)"d"	PM-10 (tpy)	PM (gr/dscf) 567 IAC 23.3(2)"a"	PM (tpy)	SO2 (ppmv) 567 IAC 23.3(3)"e"	VOC (tpy)	DNR Construction Permit
101	101	40%[1]	6.5	0.1	6.5	500	21.7	92-A-490-S1
102	102			0.1		500		92-A-491-S1
103	103			0.1		500		03-A-473-S1
104	104			0.1		500		03-A-474
105	105			0.01				92-A-343-S2 567 IAC 23.4(13)
106	106			0.01				97-A-805-S2 567 IAC 23.4(13)
107	107			0.1		500		92-A-344-S1
108	108			0.1		500		92-A-345-S1
109	109			0.1		500		03-A-475
110	110	40%[1]	0.02 lb/hr	0.1	0.02 lb/hr			07-A-1203
	111							

[1] An exceedance of the indicator opacity of 10% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Operational Limits & Requirements

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

Process throughput:
EP 101-110

1. The maximum amount of rubber processed in this extrusion line, Line 1, shall not exceed 5,241,600 pounds per twelve (12) month rolling period.

EP 105-106

1. The combined total usage of VOC-containing materials (i.e., adhesive, coatings, solvents, etc.) shall not exceed 30,000 pounds (4,200 gallons) in any rolling twelve-month period for the affected extrusion line, Line 1.
2. The Volatile Organic Compound (VOC) content of the coating materials utilized in Line 1 shall not exceed 7.3 pounds of VOC per gallon of VOC-containing material.

Reporting & Record keeping:
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 DNR. Records shall be legible and maintained in an orderly manner.

EP 101-109
1. A log of all materials, as applied, used in the affected extrusion line, Line 1, and their respective VOC content (in lb/gal).
2. A determination (units of pounds/month) of the total amount of rubber processed on extrusion Line 1 on a rolling-12-month basis for each month of operation.

EP 101-104, EP 107-109
1. A copy of the Material Safety Data Sheet (MSDS) for each material used at the facility.

EP 105-106
1. A determination (units of pounds/month) of the total amount of VOC-containing material utilized in this extrusion line, Line 1, on a rolling-12-month basis for each month of operation.
2. The permit holder, owner or operator of the facility shall maintain manufacturer/vendor provided information (i.e., Material Safety Data Sheets (MSDS), technical data sheets, etc.) of all materials used in the emission unit, which clearly indicates the VOC content of that material.
3. For the purpose of calculating monthly totals for extrusion Line 1, all materials may be considered emitted on the day they are delivered to the plant or pulled from the warehouse (i.e., purchase records, 55-gallon drum, etc.).

EP 110
1. This permit does not require operating condition monitoring, at this time.

Authority for Requirement: DNR Construction Permits identified in Table A-2

Emission Point Characteristics

The emission points shall conform to the specifications listed below.

Table A-3

Emission Point ID	Emission Unit ID	Construction Permit	Height (ft)	Discharge Style	Opening Diameter (in)	Exhaust Temp (^{O}F)	Exhaust flowrate (acfm)
101	101	92-A-490-S1	34	Vertical Unobstructed	12	410	1,593
102	102	92-A-491-S1	33	Vertical Unobstructed	12	361	579
103	103	03-A-473-S1	45	Vertical Unobstructed	12	399	1,889
104	104	03-A-474	51	Vertical Unobstructed	18	126	2,557
105	105	92-A-343-S2	44	Vertical Unobstructed	18	66	802
106	106	97-A-805-S2	39	Vertical Unobstructed	14	86	802
107	107	92-A-344-S1	44	Vertical Unobstructed	14	343	1,170
108	108	92-A-345-S1	43	Vertical Unobstructed	14	399	1,430
109	109	03-A-475	44	Vertical Unobstructed	18	85	2,615
110	110 111	07-A-1203	27	Vertical Obstructed	24	Ambient	1,288

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 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 Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Required for CE-105 & CE-106

Weekly

- Inspect the glue and coating booth system for conditions that reduce the operating efficiency of the collection system. This will include a visual inspection of the condition of the filter material.
- Maintain a written record of the observation and any action resulting from the inspection.

Record Keeping and Reporting

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

Quality Control

- The filter equipment will be operated and maintained according to the manufacturer's recommendations.

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: See Table B – Welding and Grinding

Associated Equipment

Table B-1

Emission Point ID	Emission Unit ID	Emission Unit Description	Raw Material / Fuel	Rated Capacity	Control Equipment
123	123	Maintenance Shop Welding Table	Welding Rod	0.605 lb/hr	NA
125	125	Tool Room – Blanchard Grinder	Grinding Stone	1 lb/hr	NA
126	126A	Tool & Die Shop Welder #1	Welding Rod	1 lb/hr	NA
	126B	Tool & Die Shop Welder #2	Welding Rod	0.0067 lb/hr	
	126C	Tool & Die Shop Welder #3	Welding Rod	0.0067 lb/hr	
	126D	Tool & Die Shop Welder #4	Welding Rod	0.0067 lb/hr	

Applicable Requirements

The following requirements apply to the emission points identified in Table B-1

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

The emissions from the emission points listed in the table below shall not exceed the levels specified below.

Table B-2

Emission Point ID	Emission Unit ID	Opacity 567 IAC 23.3(2)"d"	PM (lb/hr)	PM (gr/dscf) 567 IAC 23.3(2)"a"	PM (tpy)	DNR Construction Permit
123	123	40%	0.045	0.00582	0.0064	92-A-496
125	125	40%[(1)]		0.1		03-A-697
126	126A	40%[(1)]		0.1		03-A-698
	126B					
	126C					
	126D					

[(1)] An exceedance of the indicator opacity of 25% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Emission Point Characteristics

The emission points shall conform to the specifications listed below.

Table B-3

Emission Point	Emission Unit	Construction Permit	Height (ft)	Discharge Style	Opening Diameter (in)	Exhaust Temp (^{O}F)	Exhaust flowrate (scfm)
123	123	92-A-496	18	NA	11	Ambient	902 acfm
125	125	03-A-697	28.5	Vertical Obstructed	16	Ambient	2,094
126	126A	03-A-698	33	Vertical Obstructed	12	Ambient	903
	126B						
	126C						
	126D						

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 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 Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: See Table C – Cement House

Associated Equipment

Table C-1

Emission Point ID	Emission Unit ID	Emission Unit Description	Raw Material / Fuel	Rated Capacity	Control Equipment
134	134	Cement House Room Exhaust	Flock-lok / Coatings	13.48 lb/hr	NA
135	135	Cement House Exhaust Hood	Flock-lok / Coatings	13.48 lb/hr	NA
137	137	Cloth Combining Line Preheater	Natural Gas	0.345 MMBtu/hr	CE 36 Dry Filters

Applicable Requirements

The following requirements apply to the emission points identified in Table C-1

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

The emissions from the emission points listed in the table below shall not exceed the levels specified below.

Table C-2

Emission Point	Emission Unit	Opacity 567 IAC 23.3(2)"d"	PM-10 (lb/hr)	PM (gr/dscf) 567 IAC 23.3(2)"a"	PM (lb/hr)	SO_2 (ppmv) 567 IAC 23.3(3)	DNR Construction Permit
134	134						03-A-742
135	135						03-A-743
137	137	40%[(1)]	0.1	0.1	0.1	500	03-A-702

[(1)] An exceedance of the indicator opacity of 25% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Emission Point Characteristics

The emission points shall conform to the specifications listed below.

Table C-3

Emission Point	Emission Unit	Construction Permit	Height (ft)	Discharge Style	Opening Diameter (in)	Exhaust Temp (^{O}F)	Exhaust flowrate (scfm)
134	134	03-A-742	18.3	Vertical Unobstructed	26 x 16	Ambient	5,893
135	135	03-A-743	19	Vertical Unobstructed	24	Ambient	922
137	137	03-A-702	32	Vertical Obstructed	32	Ambient	8,000 acfm

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 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.

Limit on Hours of Operation

This emission unit shall be limited to 100 hours of operation per 12 month rolling period. If this emission unit operates more than 100 hours per 12 month rolling period it will be required to stack test for PM and PM10 with 90 day of exceeding the hour restriction.

This emission unit is required to record the hours of operation monthly and calculate a 12 month rolling total each month.

This condition was requested by the applicant.

Authority for Requirement: 567 IAC 22.108(14)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Required for CE-36

- Inspect the preheater system for conditions that reduce the operating efficiency of the collection system. This will include a visual inspection of the condition of the filter material.
- Maintain a written record of the observation and any action resulting from the inspection.

Record Keeping and Reporting

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

Quality Control
The filter equipment will be operated and maintained according to the manufacturer's recommendations

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: See Table D – Line 2

Associated Equipment

Table D-1

Emission Point	Emission Unit	Emission Unit Description	Raw Material / Fuel	Rated Capacity	Control Equipment
200	200	Line 2 IR Pre Heat Oven	Rubber	1,000 lb/hr	NA
201	201	Line 2 Infratrol Oven #1	Rubber Natural Gas	0.80 MMBtu/hr	NA
202	202	Line 2 Infratrol Oven #2	Rubber Natural Gas	0.80 MMBtu/hr	NA
203	203	Line 2 Infratrol Oven #3	Rubber Natural Gas	0.80 MMBtu/hr	NA
204	204	Line 2 Oven Exit Exhaust #1	Rubber	800 lbs/hr	NA
	204A	Line 2 Hugger	Rubber	800 lbs/hr	NA
	204B	Line 2 Plastic Extruder Hood	Plastic	150 lb plastic/hr	NA
205	205	Line 2 Spray Booth #1	Coatings	4 guns, each @ 4.3 oz/min	CE 205 Dry Filters
	205B	Plasma Treater	Coatings		NA
210	210	Line 2 IR Curing Ovens (6 Heaters)	Rubber Natural Gas	800 lbs/hr 0.80 MMBtu/hr	NA
211	211	Spray Booth 4 guns @ 4.3 oz/min (each)	Coatings	4 guns, each @ 20 oz/min	CE 211 Dry Filters

The maximum amount of rubber processed in this extrusion line, Line 2, shall not exceed 8,760,000 pounds per twelve (12) month rolling period.

Applicable Requirements

The following requirements apply to the emission points identified in Table D-1

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

The emissions from the emission points listed in the table below shall not exceed the levels specified below.

Table D-2

Emission Point	Emission Unit	Opacity 567 IAC 23.3(2)"d"	PM-10 (lb/hr)	PM (gr/dscf) 567 IAC 23.3(2)"a"	PM (lb/hr)	SO_2 (ppmv) 567 IAC 23.3(3)	VOC (lb/hr)	Construction Permit
200	200	40%(1)	0.02	0.1	0.02			07-A-1549-S1
201	201	40%(1)	0.19	0.1	0.19	500	0.23	03-A-536-S4
202	202	40%(1)	0.20	0.1	0.20	500	0.30	92-A-488-S5
203	203	40%(1)	0.20	0.1	0.20	500	0.30	92-A-489-S5
204	204	40%(1)	0.02	0.1	0.02		0.10	03-A-537-S4
	204A							
	204B							
205	205	40%(1)	0.21	0.01	0.21			92-A-064-S9 567 IAC 23.4(13)
	205B							
210	210	40%(1)	0.063	0.1	0.063		0.23	13-A-481-S1
211	211	40%(1)	0.10	0.01	0.10			17-A-057-S2

(1) An exceedance of the indicator opacity of "No Visible Emissions" will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Operating Requirements with Associated Monitoring and Recordkeeping

Unless specified by a federal regulation, all records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

EP 200, 201, 202, 203, 204, 204A, 204B, and 210

1. There are no operating limits associated with these permit at this time.
2. There are no recordkeeping requirements with these permits at this time.

EP 205 and 211 (each)

1. The maximum amount of rubber processed in this extrusion line, Line 2, shall not exceed 8,760,000 pounds per twelve (12) month rolling period.
   a. The permit holder, owner or operator of the facility shall monthly calculate and record the monthly total and the 12-month rolling total amount of rubber processed on extrusion Line 2, in applicable units.

2. The combined total usage of VOC-containing coating materials (i.e., adhesive, coatings, etc.) shall not exceed 7,000 gallons in any rolling twelve-month period for each spray booth.

a. The permit holder, owner or operator of the facility shall monthly calculate and record the monthly total and the 12-month rolling total amount of VOC-containing coating materials applied in each spray booth, in applicable units.
b. For the purpose of calculating monthly totals for this emission unit, all materials may be considered emitted on the day they are delivered to the plant or pulled from the warehouse (i.e., purchase records, 55-gallon drum, etc.).

3. The Volatile Organic Compound (VOC) content of the coating materials utilized in each spray booth, shall not exceed 3.23 pounds of VOC per gallon of coating material. The owner or operator shall maintain aa record showing the calculated VOC content, in pounds per gallon, of each coating material applied in each spray booth.
4. The total HAP content of the coating materials utilized in each spray booth, shall not exceed 3.00 pounds of HAP per gallon of coating material. The owner or operator shall maintain a record showing the calculated total HAP content, in pounds per gallon, of each coating material applied in each spray booth.
5. The owner or operator shall retain Safety Data Sheets (SDS) for each material used on this production line, which clearly indicates the VOC and HAP content of each material.
6. The permittee shall inspect and maintain the control equipment, CE-205 and CE-211, according to the facility's operation and maintenance plan or manufacturer's specifications with inspections occurring at a minimum of once per calendar year.
7. The permittee shall maintain a log of all maintenance and inspection activities performed on the control equipment. This log shall include, but is not limited to:
   a. The date and time any inspection and/or maintenance was performed on the emission unit and/or control equipment;
   b. Any issue(s) identified during the inspection and the date each issue(s) was resolved; and,
   c. Any issue(s) addressed during the maintenance activities and the date each issue(s) was resolved.

Authority for Requirement: DNR Construction Permits listed in D-2

Emission Point Characteristics

The emission points shall conform to the specifications listed below.

Table D-3

Emission Point	Emission Unit	Construction Permit	Height (ft)	Discharge Style	Opening Diameter (in)	Exhaust Temp (^{O}F)	Exhaust flowrate (scfm)
200	200	07-A-1549-S1	36.5	Vertical Unobstructed	18	150	4,770
201	201	03-A-536-S4	32	Vertical Unobstructed	12	350	1,600
202	202	92-A-488-S5	34	Vertical Unobstructed	12	350	1,650
203	203	92-A-489-S5	34	Vertical Unobstructed	12	350	1,650
204	204 204A 204B	03-A-537-S4	44	Vertical Unobstructed	18	375	2,560
205	205 205B	92-A-064-S9	45	Vertical Obstructed	18	70	5,655
210	210	13-A-481-S1	45	Vertical Unobstructed	26	300	17,150
211	211	17-A-057-S2	45	Vertical Unobstructed	18	70	5,655

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 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 Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: See Table E – Line 3

Associated Equipment

Table E-1

Emission Point	Emission Unit	Emission Unit Description	Raw Material / Fuel	Rated Capacity	Control Equipment
301	301	Line 3 Infratrol Oven #1	Rubber	1,000 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
302	302	Line 3 Infratrol Oven #2	Rubber	1,000 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
303	303	Line 3 Infratrol Oven #3	Rubber	1,000 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
304	304	Line 3 Oven Exit Exhaust #1	Rubber	1,000 lb/hr	NA
305M	305	Line 3 Coating Station	Coating	4 guns @ 4.3 oz/min (each)	CE 305M Dry Filters
306M	306M	Line 3 Coating Station	Coating	4 guns @ 4.3 oz/min (each)	CE 306M Dry Filters
	306MB	Plasma Treater	Rubber	1,000 lb/hr	NA
309	309	Line 3 Curing Oven Exhaust Hood	Rubber	600 lb/hr	NA

Applicable Requirements

The following requirements apply to the emission points identified in Table E-1

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

The emissions from the emission points listed in the table below shall not exceed the levels specified below.

Table E-2

Emission Point	Emission Unit	Opacity 567 IAC 23.3(2)"d	PM-10 (lb/hr)	PM-10 (ton/yr)	PM (lb/hr)	PM (gr/dscf) 567 IAC 23.3(2)"a"	SO_2 (ppmv) 567 IAC 23.3(3)	VOC (ton/yr)	VOC (ton/yr)	Construction Permit
301	301	40%(2)				0.1	500			03-A-398
302	302	40%(2)				0.1	500			92-A-055-S1
303	303	40%(2)				0.1	500			92-A-056-S1
304	304	40%(2)				0.1	500			03-A-399
305M	305	40%(1)		9.6		0.01		16.9(3)	8.5	06-A-020-S1 567 IAC 23.4(13)
306M	306M	40%(1)	0.21		0.21	0.01				17-A-150 567 IAC 23.4(13)
	306MB									
309	309	40%				0.1				NA

(1) An exceedance of the indicator opacity of "No Visible Emissions" will require the owner or operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the Department may require additional proof to demonstrate compliance (e.g., stack testing).

(2) An exceedance of the indicator opacity of 25% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

(3) Limit for the total emissions from Line 3.

Operational Limits & Requirements

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

Process throughput:

EP 301-304, 305M, 306M, and 309

1. The maximum amount of rubber processed in this extrusion line, Line 3, shall not exceed 5,241,600 pounds per twelve (12) month rolling period.

Reporting & Record keeping:

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 DNR. Records shall be legible and maintained in an orderly manner.

EP 301-304

1. A log of all materials, as applied, used in the affected extrusion line, Line 3, and their respective VOC content (in lb/gal).
2. A determination (units of pounds/month) of the total amount of rubber processed on extrusion Line 3 on a rolling-12-month basis for each month of operation.
3. A copy of the Material Safety Data Sheet (MSDS) for each material used at the facility.

Operating Requirements with Associated Monitoring and Recordkeeping

Unless specified by a federal regulation, all records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

EP 305M & EP 306M (each)

1. The permit holder, owner or operator of the facility shall monthly calculate and record the monthly total and the 12-month rolling total amount of rubber processed on Line 3, in applicable units.
2. The combined total usage of VOC-containing coating materials (i.e., adhesive, coatings, etc.) shall not exceed 4,250 gallons in any rolling twelve-month period for each coating station, EU-305M & EU-306M.
    a. The permit holder, owner or operator of the facility shall monthly calculate and record the monthly total and the 12-month rolling total amount of VOC-containing coating materials applied in each coating station, EU-305M & EU-306M, in applicable units.
    b. For the purpose of calculating monthly totals for these emission units, all materials may be considered emitted on the day they are delivered to the plant or pulled from the warehouse (i.e., purchase records, 55-gallon drum, etc.).
3. The Volatile Organic Compound (VOC) content of the coating materials utilized in each coating station, EU-305M & EU-306M, shall not exceed 8.92 pounds of VOC per gallon of coating material.
4. The total HAP content of the coating materials utilized in each coating station, EU-305M & EU-306M, shall not exceed 3.00 pounds of HAP per gallon of coating material.

5. The owner or operator shall retain Safety Data Sheets (SDS) for each material used on this production line, which clearly indicates the VOC and HAP content of each material.
6. The permittee shall inspect and maintain the control equipment, EU-305M & EU-306M, according to the facility's operation and maintenance plan or manufacturer's specifications with inspections occurring at a minimum of once per calendar year.
7. The permittee shall maintain a log of all maintenance and inspection activities performed on the control equipment. This log shall include, but is not limited to:
    a. The date and time any inspection and/or maintenance was performed on the emission unit and/or control equipment;
    b. Any issue(s) identified during the inspection and the date each issue(s) was resolved; and,
    c. Any issue(s) addressed during the maintenance activities and the date each issue(s) was resolved.

Authority for Requirement: DNR Construction Permits listed in E-2

Emission Point Characteristics

The emission points shall conform to the specifications listed below.

Table E-3

Emission Point	Emission Unit	Construction Permit	Height (ft)	Discharge Style	Opening Diameter (in)	Exhaust Temp (^{O}F)	Exhaust flowrate (acfm)
301	301	03-A-398	34	Vertical Unobstructed	12	406	1,710
302	302	92-A-055-S1	33	Vertical Unobstructed	12	403	1,435
303	303	92-A-056-S1	34	Vertical Unobstructed	12	408	1,600
304	304	03-A-399	33	Vertical Unobstructed	12	81	157
305M	305	06-A-020-S1	43	Vertical Unobstructed	18	70	1,250 scfm
306M	306M 306MB	17-A-150	50	Vertical Unobstructed	18	70	5,655 scfm

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 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 Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: See Table F – Line 3A

Table F-1

Emission Point	Emission Unit	Emission Unit Description	Raw Material / Fuel	Rated Capacity	Control Equipment
3A01	3A01	Line 3A Infratrol Oven #1	Rubber	1,000 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
3A02	3A02	Line 3A Infratrol Oven #2	Rubber	1,000 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
3A03	3A03	Line 3 Infratrol Oven #3	Rubber	1,000 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
3A04	3A04	Line 3A Infratrol Oven #4	Rubber	1,000 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
3A05	3A05A	Line 3A Exhaust Hood After Curing Ovens	Rubber	1,000 lb/hr	NA
	3A05B	Line 3A Hugger After Curing Ovens		1,000 lb/hr	
	3A05C	Line 3A Oven Exhaust Hood C		1,000 lb/hr	
3A08	3A08	Line 3A Infratrol Oven #5	Natural Gas	0.80 MMBtu/hr	NA
3A09	3A09	Line 3A Infratrol Oven #6	Natural Gas	0.80 MMBtu/hr	NA
3A10	3A10	Line 3A Infratrol Oven #7	Natural Gas	0.80 MMBtu/hr	NA
3A06	3A06	Line 3A Coating Booth	Coatings	187.5 lb/hr	CE 6 Dry Filters
			Rubber	1,000 lb/hr	
3A07	3A07	Line 3A Adhesive Drip Booth	Adhesive	3.00 lb/hr	CE 7 Dry Filters
3A11	3A11	Line 3A Plasma Unit & Flock Room Exhaust	Rubber	1,000 lb/hr	NA

Applicable Requirements

The following requirements apply to the emission points identified in Table F-1

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

The emissions from the emission points listed in the table below shall not exceed the levels specified below.

Table F-2

Emission Point	Emission Unit	Opacity 567 IAC 23.3(2)"d	PM-10 (lb/hr)	PM (gr/dscf) 567 IAC 23.3(2)"a"	PM (lb/hr)	SO_2 (ppmv) 567 IAC 23.3(3)	VOC (ton/yr)	Construction Permit
3A01	3A01	40%(1)	0.4	0.1		500		97-A-356-S1
3A02	3A02	40%(1)	0.4	0.1		500		97-A-357-S1
3A03	3A03	40%(1)	0.4	0.1		500		97-A-358-S1
3A04	3A04	40%(1)	0.4	0.1		500		97-A-359-S1
3A05	3A05A 3A05B 3A05C	40%(1)	0.4	0.1		500		97-A-360-S2
3A08	3A08	40%(1)	0.4	0.1		500	11.8(3)	97-A-362-S1
3A09	3A09	40%(1)	0.4	0.1		500		97-A-363-S1
3A10	3A10	40%(1)	0.4	0.1		500		97-A-364-S1
3A06	3A06	40%(1)		0.01				01-A-731-S5 567 IAC 23.4(13)
3A07	3A07	40%(2)		0.01				97-A-361-S2 567 IAC 23.4(13)
3A11	3A11	40%(1)	0.05	0.1	0.05			07-A-1264-S1

(1) An exceedance of the indicator opacity of 10% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

(2) An exceedance of the indicator opacity of "no visible emissions" will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

(3) Emissions will be limited by the requested material usage, VOC content and production limits for the entire extrusion line, Line 3A.

Operational Limits & Requirements

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

Process throughput:

EP 3A01-3A10

1. The maximum amount of rubber processed in this extrusion line, Line 3A, shall not exceed 5,241,600 pounds per twelve (12) month rolling average.

EP 3A06-3A07

1. The combined total usage of VOC-containing materials (i.e., adhesive, coatings, solvents, etc.) shall not exceed 49,100 pounds (5,875 gallons) in any rolling twelve-month period for the affected extrusion line, Line 3A.
2. The Volatile Organic Compound (VOC) content of the coating materials utilized in Line 3A shall not exceed 4.25 pounds of VOC per gallon of VOC-containing material.

EP 3A11
1. This permit does not set any operating limits for the emission unit at this time.

Reporting & Record keeping:
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 DNR. Records shall be legible and maintained in an orderly manner.

EP 3A01-3A10
1. A log of all materials, as applied, used in the affected extrusion line, Line 3A, and their respective VOC content (in lb/gal).
2. A determination (units of pounds/month) of the total amount of rubber processed on extrusion Line 3A on a rolling-12-month basis for each month of operation.

EP 3A01-3A05, EP 3A08-3A10
1. A copy of the Material Safety Data Sheet (MSDS) for each material used at the facility.

EP 3A06-3A07
1. A determination (units of pounds/month) of the total amount of VOC-containing material utilized in this extrusion line, Line 3A, on a rolling-12-month basis for each month of operation.
2. The permit holder, owner or operator of the facility shall maintain manufacturer/vendor provided information (i.e., Material Safety Data Sheets (MSDS), technical data sheets, etc.) of all materials used in the emission unit, which clearly indicates the VOC content of that material.
3. For the purpose of calculating monthly totals for this emission unit, all materials may be considered emitted on the day they are delivered to the plant or pulled from the warehouse (i.e., purchase records, 55-gallon drum, etc.).

EP 3A11
1. This permit does not require operating condition monitoring at this time.

Authority for Requirement: DNR Construction Permits identified in Table F-2

Emission Point Characteristics

The emission points shall conform to the specifications listed below.

Table F-3

Emission Point	Emission Unit	Construction Permit	Height (ft)	Discharge Style	Opening Diameter (in)	Exhaust Temp (^{O}F)	Exhaust flowrate (acfm)
3A01	3A01	97-A-356-S1	32	Vertical Unobstructed	12	466	1,107
3A02	3A02	97-A-357-S1	31	Vertical Unobstructed	12	460	750
3A03	3A03	97-A-358-S1	31	Vertical Unobstructed	12	380	958
3A04	3A04	97-A-359-S1	31	Vertical Unobstructed	12	345	1,406
3A05	3A05A 3A05B 3A05C	97-A-360-S2	32	Vertical Obstructed	20	79	2,550
3A08	3A08	97-A-362-S1	41	Vertical Obstructed	14	383	1,500
3A09	3A09	97-A-363-S1	42	Vertical Obstructed	14	300	910
3A10	3A10	97-A-364-S1	36	Vertical Obstructed	14	333	1,185
3A11	3A11	07-A-1264-S1	32.7	Vertical Obstructed	24	Ambient	1,360
3A06	3A06	01-A-731-S5	31	Vertical Obstructed	18	Ambient	5,000
3A07	3A07	97-A-361-S2	32	Vertical Obstructed	24	87	2,200

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that 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 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 Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Required for CE-6 & CE-7

- Inspect the Coating and Adhesive booth system for conditions that reduce the operating efficiency of the collection system. This will include a visual inspection of the condition of the filter material.
- Maintain a written record of the observation and any action resulting from the inspection.

Record Keeping and Reporting

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

Quality Control

- The filter equipment will be operated and maintained according to the manufacturer's recommendations.

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: See Table G – Line 4

Associated Equipment

Table G-1

Emission Point	Emission Unit	Emission Unit Description	Raw Material / Fuel	Rated Capacity	Control Equipment
400	400	Line 4 Infratrol Jet Air Oven	Rubber	1,000 lb/hr	NA
			Natural Gas	1.00 MMBtu/hr	
401	401	Line 4 Infratrol Oven #1	Rubber	1,000 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
402	402	Line 4 Infratrol Oven #2	Rubber	1,000 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
403	403	Line 4 Infratrol Oven #3	Rubber	1,000 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
404	404RA	Line 4 Exhaust Hood	Rubber	1,000 lb/hr	NA
	404RB	Line 4 Plasma Unit	Rubber	1,000 lb/hr	
405R	405R	Line 4 Coating Booth	Coatings	187.5 lb/hr	CE 405 Dry Filters
406R	406R	Line 4 Infrared Curing Oven	Rubber	1,000 lb/hr	NA
407	407	Line 4 Coating Booth 2	Coatings	3 guns @ 2.0 oz/min (each)	CE 407 Dry Filters

Applicable Requirements

The following requirements apply to the emission points identified in Table G-1

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

The emissions from the emission points listed in the table below shall not exceed the levels specified below.

Table G-2

Emission Point	Emission Unit	Opacity 567 IAC 23.3(2)"d	PM-10 (lb/hr)	PM (gr/dscf) 567 IAC 23.3(2)"a"	PM (lb/hr)	SO_2 (ppmv) 567 IAC 23.3(3)	Construction Permit
400	400	40%(1)	0.26	0.1	0.26	500	03-A-1076
401	401	40%(1)	0.25	0.1	0.25	500	03-A-1077
402	402	40%(1)	0.25	0.1	0.25	500	03-A-1078
403	403	40%(1)	0.25	0.1	0.25	500	03-A-1079
404	404RA 404RB	40%(1)	0.24	0.1	0.24		03-A-1080-S1
405R	405R	40%(1)		0.01			05-A-927 567 IAC 23.4(13)
406R	406R						05-A-928
407	407	40%(2)	0.19	0.01			16-A-422

(1) An exceedance of the indicator opacity of 10% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

(2) An exceedance of the indicator opacity of "no visible emissions" will require the owner or operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the Department may require additional proof to demonstrate compliance (e.g., stack testing).

Operational Limits & Requirements

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

Process throughput:

EP 400-404

1. The maximum amount of rubber processed in this extrusion line, Line 4, shall not exceed 8,760,000 pounds per twelve (12) month rolling period.

EP 405R

1. The total amount of VOC-containing materials used in this coating booth, EU 405R, shall not exceed 15,400 pounds (1,750 gallons) per rolling twelve (12) – month period.
2. The Volatile Organic Compound (VOC) content of the VOC-containing materials utilized in this coating booth shall not exceed 3.5 pounds of VOC per gallon.

EP 406R
1. There are no operating limits associated with this permit at this time.

Reporting & Record keeping:
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 DNR. Records shall be legible and maintained in an orderly manner.

EP 400-403
1. A determination (units of pounds/month) of the total amount of rubber processed on extrusion Line 4 on a rolling-12-month basis for each month of operation.

EP 404
1. The permit holder, owner and operator of the facility shall determine the total amount of rubber processed on extrusion Line 4 on a rolling-12-month basis for each month of operation.

EP 400-403
1. A copy of the Material Safety Data Sheet (MSDS) for each material used at the facility.

EP 405R
1. The permit holder, owner and operator of the facility shall maintain a log of all materials used in the extrusion line, Line 4, and their respective VOC content (in lb/gal).
2. The permit holder, owner and operator of the facility shall record on a monthly basis the amount of surface coating material used in this emission unit, EU 405R, in gallons. The permit holder, owner and operator of the facility shall calculate and record the 12-month rolling total for material usage.
3. The permit holder, owner and operator of the facility shall maintain a copy of the Material Safety Data Sheet (MSDS) for each material used at the facility.

EP 406R
1. There are no operating limits associated with this permit at this time.

Operating Requirements with Associated Monitoring and Recordkeeping
Unless specified by a federal regulation, all records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

EP 407
1. The maximum amount of paint used in this emission unit, EU 407, shall not exceed 1,750 gallons per rolling 12-month period.
    a. The maximum VOC content of the coatings used in this emission unit, EU 407, shall not exceed 3.5 pounds per gallon.
    b. The maximum individual HAP content of the coatings used in this emission unit, EU 407, shall not exceed 1.5 pounds per gallon.

2. The owner or operator shall record on a monthly basis, the amount of coating applied in this booth, EU 407, in applicable units. The owner or operator shall monthly calculate and record the rolling 12-month total coating usage.
3. The owner or operator shall retain Safety Data Sheets (SDS) for all VOC and HAP containing materials used at the facility.
4. The permittee shall inspect and maintain the control equipment, CE 407, according to the facility's operation and maintenance plan or manufacturer's specifications with inspections occurring at a minimum of once per calendar year.
5. The permittee shall maintain a log of all maintenance and inspection activities performed on the control equipment. This log shall include, but is not limited to:
    a. The date and time any inspection and/or maintenance was performed on the emission unit and/or control equipment;
    b. Any issue(s) identified during the inspection and the date each issue(s) was resolved; and,
    c. Any issue(s) addressed during the maintenance activities and the date each issue(s) was resolved.

Authority for Requirement: DNR Construction Permits listed in G-2

Emission Point Characteristics

The emission points shall conform to the specifications listed below.

Table G-3

Emission Point ID	Emission Unit ID	Construction Permit	Height (ft)	Discharge Style	Opening Diameter (in)	Exhaust Temp (^{O}F)	Exhaust flowrate (scfm)
400	400	03-A-1076	40.75	Vertical Unobstructed	12	190	800
401	401	03-A-1077	40.75	Vertical Unobstructed	12	194	2,235
402	402	03-A-1078	39.5	Vertical Unobstructed	12	194	2,235
403	403	03-A-1079	39.5	Vertical Unobstructed	12	194	2,235
404	404RA 404RB	03-A-1080-S1	47.5	Vertical Unobstructed	18	86	2,200
405R	405R	05-A-927	47	Vertical Unobstructed	34	300	17,150
406R	406R	05-A-928	47	Vertical Unobstructed	34	300	17,150
407	407	16-A-422	33	Vertical Unobstructed	18	195	2,235

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 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 Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Required for CE-405 & CE-407

- Inspect the coating booth system for conditions that reduce the operating efficiency of the collection system. This will include a visual inspection of the condition of the filter material.
- Maintain a written record of the observation and any action resulting from the inspection.

Record Keeping and Reporting

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

Quality Control

- The filter equipment will be operated and maintained according to the manufacturer's recommendations.

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: See Table H – Line 5

Associated Equipment

Table H-1

Emission Point	Emission Unit	Emission Unit Description	Raw Material / Fuel	Rated Capacity	Control Equipment
501IR	501IR	Line 5 Infrared Preheat	Rubber	1,000 lb/hr	NA
			Electricity	45 kW	
501	501	Line 5 Infratrol Oven #1	Rubber	1,000 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
502	502	Line 5 Infratrol Oven #2	Rubber	1,000 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
503	503	Line 5 Infratrol Oven #3	Rubber	1,000 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
504	504A	Line 5 Oven Exhaust #1	Rubber	1,000 lb/hr	NA
	504B	Line 5 Oven Exhaust #2	Rubber	1,000 lb/hr	NA
	504C	Line 5 Oven Exhaust #3	Rubber	1,000 lb/hr	NA
505R	505R	Line 5 Coating Booth Plasma Treater	Coating	187.5 lb/hr (1gun @ 5 oz/min)	CE 505R Dry Filters
	505RB				
506R1	506R1	Line 5 Infrared Oven	Rubber	1,000 lb/hr	NA

Applicable Requirements

The following requirements apply to the emission points identified in Table H-1

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

The emissions from the emission points listed in the table below shall not exceed the levels specified below.

Table H-2

Emission Point	Emission Unit	Opacity 567 IAC 23.3(2)"d	PM-10 (lb/hr)	PM (gr/dscf) 567 IAC 23.3(2)"a"	PM (lb/hr)	SO_2 (ppmv) 567 IAC 23.3(3)	Construction Permit
501IR	501IR						07-A-001
501	501	40%[2]	0.04	0.1		500	97-A-365-S1
502	502	40%[3]	0.04	0.1		500	97-A-366-S2
503	503	40%[3]	0.04	0.1		500	97-A-367-S2
504	504A	40%[2]	0.04	0.1		500	97-A-368-S1
	504B						
	504C						
505R	505R	40%[1]		0.01			03-A-638-S2 567 IAC 23.4(13)
	505RB						
506R1	506R1	40%[1]	0.02	0.1	0.02		07-A-1202

[1] An exceedance of the indicator opacity of 10% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

[2] An exceedance of the indicator opacity of 25% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

[3] An exceedance of the indicator opacity of "No Visible Emissions" will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Operational Limits & Requirements

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

Process throughput:

EP 501IR-503

1. The maximum amount of rubber processed in this extrusion line, Line 5, shall not exceed 8,760,000 pounds per twelve (12) month rolling period.

EP 504

1. There are no operating limits associated with this permit at this time.

EP 505R

1. The total amount of VOC-containing materials used in this coating booth, EU 505R, shall not exceed 8,700 gallons per rolling twelve – month period.
2. The maximum VOC content of the coating material (primer/primer, solvent, catalyst, etc.), as-applied, used in this emission unit, EU 505R, shall not exceed 8.0 pounds per gallon.
3. The maximum total HAP (THAP) content of the surface coating materials used in the booth, 505R, shall not exceed 3.0 pounds of THAP per gallon of coating material.

EP 506R1

1. This permit does not set any operating limits for the emission unit at this time.

Reporting & Record keeping:

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 DNR. Records shall be legible and maintained in an orderly manner.

EP 501IR-503

1. The permit holder, owner or operator of the facility shall monthly calculate and record the monthly total and the 12-month rolling total amount of rubber processed on extrusion Line 5, in applicable units.
2. A copy of the Material Safety Data Sheet (MSDS) for each material used at the facility.

EP 504

1. There are no operating condition monitoring requirements associated with this permit at this time.

EP 505R

1. The permit holder, owner or operator of the facility shall monthly calculate and record the monthly total and the 12-month rolling total amount of VOC-containing coating materials used in the booth, EU-505R, in applicable units.
2. For the purpose of calculating monthly totals for this emission unit, all materials may be considered emitted on the day they are delivered to the plant or pulled from the warehouse (i.e., purchase records, 55-gallon drum, etc.).

3. The owner or operator shall retain Safety Data Sheets (SDS) for each material used in this coating booth, which clearly indicates the VOC and HAP content of each material.
4. The permittee shall inspect and maintain the control equipment according to the facility's operation and maintenance plan or manufacture's specifications with inspections occurring at a minimum of once per calendar year.
5. The permittee shall maintain a log of all maintenance and inspection activities performed on the control equipment. This log shall include, but is not limited to:
    a. The date and time any inspection and/or maintenance was performed on the emission unit and/or control equipment;
    b. Any issue(s) identified during the inspection and the date each issue(s) was resolved; and,
    c. Any issue(s) addressed during the maintenance activities and the date each issue(s) was resolved.

EP 506R1

1. There are no operating condition monitoring requirements associated with this permit at this time.

Authority for Requirement: DNR Construction Permits listed in Table H-2

Emission Point Characteristics

The emission points shall conform to the specifications listed below.

Table H-3

Emission Point	Emission Unit	Construction Permit	Height (ft)	Discharge Style	Opening Diameter (in)	Exhaust Temp (^{O}F)	Exhaust flowrate (acfm)
501IR	501IR	07-A-001	15	Vertical Unobstructed	16	150	3,000 scfm
501	501	97-A-365-S1	36	Vertical Unobstructed	12	338	1,484
502	502	97-A-366-S2	50	Vertical Unobstructed	12	435	1,229
503	503	97-A-367-S2	50	Vertical Unobstructed	12	412	805
504	504A 504B 504C	97-A-368-S1	36	Vertical Unobstructed	18	99	1,555
505R	505R	03-A-638-S2	37	Vertical Unobstructed	18	Ambient	1,550 scfm
	505RB						
506R1	506R1	07-A-1202	37	Vertical Unobstructed	26	Ambient	19,200

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that 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 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 Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Required for CE-505R

- Inspect the coating booth system for conditions that reduce the operating efficiency of the collection system. This will include a visual inspection of the condition of the filter material.
- Maintain a written record of the observation and any action resulting from the inspection.

Record Keeping and Reporting

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

Quality Control

- The filter equipment will be operated and maintained according to the manufacturer's recommendations.

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: See Table I – Line 6

Associated Equipment

Table I-1

Emission Point ID	Emission Unit ID	Emission Unit Description	Raw Material / Fuel	Rated Capacity	Control Equipment
601M	601IRM	Line 6 IR Pre Heater	Rubber	1,000 lb/hr	NA
	061AM	Line 6 Natural Gas Oven Exhaust Hood	Natural Gas	0.34 MMBtu/hr	
603M	603M	Line 6 Gerlach Oven	Rubber	1,000 lb/hr	NA
			Natural Gas	0.34 MMBtu/hr	
605M	605AM	Line 6 Gerlach Oven Exhaust	Rubber	1,000 lb/hr	NA
	605M		Rubber	1,000 lb/hr	
606M	606M	Line 6 Gerlach Oven	Natural Gas	0.34 MMBtu/hr	NA
607M	607M	Line 6 Gerlach Oven	Rubber	1,000 lb/hr	NA
			Natural Gas	0.34 MMBtu/hr	
608M	608AM	Line 6 Plasma Treater	Rubber	1,000 lb/hr	CE 608M Dry Filters
	608M	Line 6 Coating Spray Booth	Coatings	4 guns, each at 5 oz/min	
609M	609M	Line 6 Coating Spray Booth	Coatings	4 guns, each at 5 oz/min	CE 609M Dry Filters
610M	610M	Line 6 IR Cure Ovens (Seven)	Rubber	1,000 lb/hr	NA
	611M				
	612M				
	613M				
	614M				
	615M				
	616M				

Applicable Requirements

The following requirements apply to the emission points identified in Table I-1

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

The emissions from the emission points listed in the table below shall not exceed the levels specified below.

Table I-2

Emission Point	Emission Unit	Opacity 567 IAC 23.3(2)"d	PM-10 (lb/hr)	PM (gr/dscf) 567 IAC 23.3(2)"a"	PM (lb/hr)	SO_2 (ppmv) 567 IAC 23.3(3)	Construction Permit
601M	601IRM 061AM	40%(1)	0.06	0.1	0.06	500	14-A-445
603M	603M	40%(1)	0.35	0.1	0.35	500	14-A-447-S1
605M	605AM 605M	40%(1)	0.20	0.1	0.20	500	14-A-449-S1
606M	606M	40%(1)	0.10	0.1	0.10	500	14-A-450
607M	607M	40%(1)	0.10	0.1	0.10	500	14-A-451-S1
608M	608AM 608M	40%(2)	0.01	0.1	0.10	500	14-A-452-S2
609M	609M	40%(2)	0.01	0.1	0.10	500	14-A-453-S2
610M	610M 611M 612M 613M 614M 615M 616M	40%(2)	0.06	0.1	0.06	500	14-A-454-S1

(1) An exceedance of the indicator opacity of "10%" will require the owner or operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the Department may require additional proof to demonstrate compliance (e.g., stack testing).
(2) An exceedance of the indicator opacity of "No Visible Emissions" will require the owner or operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the Department may require additional proof to demonstrate compliance (e.g., stack testing).

Operational Limits & Requirements

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

Process throughput:

EP 601M, 603M, 605M, 606M, 607M, and 610M

1. There are no operating limits associated with this permit at this time.

EP 608M and 609M

1. The total usage of VOC and HAP containing surface coating materials (i.e., adhesive, coatings, solvents, etc.), combined, shall not exceed 4,500 gallons in any rolling twelve-month period for each spray booth, EU-608M and EU-609M.
2. The facility shall utilize coating materials in Line 6 spray booths, EU-608M and EU-609M, that comply with the following material content limits:

a. The Volatile Organic Compound (VOC) content of the surface coating materials utilized in the spray booth, EU-608M, shall not exceed 7.85 pounds of VOC per gallon of coating material.
b. The total HAP content of the surface coating materials utilized in the spray booth, EU-608M, shall not exceed 2.00 pounds of HAP per gallon of coating material.

Reporting & Record keeping:
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 DNR. Records shall be legible and maintained in an orderly manner.

EP 601M, 603M, 605M, 606M, 607M, and 610M

1. There are no operating condition monitoring requirements associated with this permit at this time.

EP 608M and 609M

1. The permit holder, owner or operator of the facility shall monthly calculate and record the monthly total and the 12-month rolling total amount of VOC and HAP containing coating materials applied in spray booths, EU-608M and EU-609M, in applicable units.
2. For the purpose of calculating monthly totals for this emission unit, all materials may be considered emitted on the day they are delivered to the plant or pulled from the warehouse (i.e., purchase records, 55-gallon drum, etc.)
3. A log of all materials, as applied, used in booths, EU-608M and EU-609M, and their respective VOC and total HAP content (in lb/gal).
4. A copy of the technical data sheet (i.e., Material Safety Data Sheet (MSDS), SDS, etc.) for each material used at the facility.
5. The permittee shall inspect and maintain the control equipment, CE-608M and EU-609M, according to the facility's operation and maintenance plan or manufacturer's specifications with inspections occurring at a minimum of once per calendar year.
    a. The permittee shall maintain a log of all maintenance and inspection activities performed on the control equipment. This log shall include, but is not limited to:
        i. The date and time any inspection and/or maintenance was performed on the emission unit and/or control equipment;
        ii. Any issue(s) identified during the inspection and the date each issue(s) was resolved; and,
        iii. Any issue(s) addressed during the maintenance activities and the date each issue(s) was resolved.

Authority for Requirement: DNR Construction Permits listed in Table I-2

Emission Point Characteristics

The emission points shall conform to the specifications listed below.

Table I-3

Emission Point	Emission Unit	Construction Permit	Height (ft)	Discharge Style	Opening Diameter (in)	Exhaust Temp (^{O}F)	Exhaust flowrate (acfm)
601M	601IRM	14-A-445	33	Vertical Unobstructed	12	195	2,235
	061AM						
603M	603M	14-A-447-S1	33	Vertical Obstructed	8	330	1,115
605M	605AM	14-A-449-S1	33	Vertical Unobstructed	12	330	1,115
	605M						
606M	606M	14-A-450	33	Vertical Unobstructed	8	346	2,350
607M	607M	14-A-451-S1	33	Vertical Unobstructed	12	330	1,115
608M	608AM	14-A-452-S2	33	Vertical Unobstructed	18	195	2,235
	608M						
609M	609M	14-A-453-S2	33	Vertical Unobstructed	18	195	2,235
610M	610M	14-A-454-S1	33	Vertical Unobstructed	26	345	2,335
	611M						
	612M						
	613M						
	614M						
	615M						
	616M						

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 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 Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: See Table J – Line 7

Associated Equipment

Table J-1

Emission Point	Emission Unit	Emission Unit Description	Raw Material / Fuel	Rated Capacity	Control Equipment
701	701	Line 7 Infratrol Oven #1	Rubber	1,000 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
702	702	Line 7 Infratrol Oven #2	Rubber	1,000 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
703	703	Line 7 Infratrol Oven #3	Rubber	1,000 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
704	704	Line 7 Oven Exhaust Hood	Rubber	1,000 lb/hr	NA
705	705	Line 7 Coating Spray Booth	Coatings	17.42 lb/hr (not to exceed 2 gallons/hr)	CE 42 Dry Filters
706	707	Line 7 Infratrol Oven #4	Natural Gas	0.80 MMBtu/hr	NA
707					
708					

Applicable Requirements

The following requirements apply to the emission points identified in Table J-1

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

The emissions from the emission points listed in the table below shall not exceed the levels specified below.

Table J-2

Emission Point	Emission Unit	Opacity 567 IAC 23.3(2)"d	PM-10 (ton/yr)	PM-10 (lb/hr)	PM (gr/dscf) 567 IAC 23.3(2)"a"	PM (lb/hr)	SO_2 (ppmv) 567 IAC 23.3(3)	Construction Permit
701	701	40%(1)	12.5		0.1		500	03-A-488
702	702	40%(1)			0.1		500	03-A-489
703	703	40%(1)			0.1		500	03-A-490
704	704	40%(1)			0.1		500	03-A-491
705	705	40%(4)		0.20	0.01	0.20		11-A-445 567 IAC 23.4(13)
706	707	40%(2)		0.15	0.1	0.15		11-A-446
707		40%(3)		0.15	0.1	0.15		11-A-447
708		40%(2)		0.15	0.1	0.15		11-A-448

(1)An exceedance of the indicator opacity of 25% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

(2)An exceedance of the indicator opacity of 20% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

(3)An exceedance of the indicator opacity of 10% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

(4)An exceedance of the indicator opacity of "no visible emissions" will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Operational Limits & Requirements

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

Process throughput:

EP 701-704

1. There are no operating limits associated with this permit at this time

EP 705

1. The combined total of VOC and HAP-containing materials used in the coating booth, EU 705, shall not exceed 3,000 gallons in any rolling twelve-month period.
2. The Volatile Organic Compound (VOC) content of the VOC-containing materials, as applied, utilized in this coating booth shall not exceed 3.0 pounds of VOC per gallon.
3. The individual HAP content of any material, as applied, utilized in this coating booth shall not exceed 1.0 pound of an individual HAP per gallon.
4. No more than two spray guns may be operated at any one time. When in operation the total spray gun capacity shall not exceed 2.0 gallons per hour.

EP 706-708

1. The fuel shall be limited to natural gas only.

Reporting & Record keeping:

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 DNR. Records shall be legible and maintained in an orderly manner.

EP 701-704

1. There are no operating condition monitoring requirements associated with this permit at this time.

EU 705

1. A log of all materials, as applied, used in EU 705, and their respective VOC and individual HAP content (in lb/gal).
2. A determination (units of gallons/month) of the total amount of VOC and HAP-containing material utilized in the coating booth (EU 705) on a rolling-12-month basis for each month of operation.
3. A copy of the Material Safety Data Sheet (MSDS) for each material used at the facility.
4. Maintain records on the type of spray guns used in the coating spray booth.
5. Maintain records on the type of filters used in the coating spray booth.

EP 706-708

1. Maintain a record of the type of fuel used.

Authority for Requirement: DNR Construction Permits listed in Table J-2

Emission Point Characteristics

The emission points shall conform to the specifications listed below.

Table J-3

Emission Point	Emission Unit	Construction Permit	Height (ft)	Discharge Style	Opening Diameter (in)	Exhaust Temp (^{O}F)	Exhaust flowrate (acfm)
701	701	03-A-488	38	Vertical Unobstructed	12	388	1,492
702	702	03-A-489	38	Vertical Unobstructed	12	403	1,355
703	703	03-A-490	38	Vertical Unobstructed	12	401	927
704	704	03-A-491	24	Vertical Obstructed	24	88	4,147
705	705	11-A-445	36	Vertical Unobstructed	18	Ambient	5,000
706	707	11-A-446	35	Vertical Unobstructed	6	100	251
707		11-A-447	36	Vertical Unobstructed	12	400	1,131
708		11-A-448	35	Vertical Unobstructed	6	100	251

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 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 Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Required for CE-42

- Inspect the coating booth system for conditions that reduce the operating efficiency of the collection system. This will include a visual inspection of the condition of the filter material.
- Maintain a written record of the observation and any action resulting from the inspection.

Record Keeping and Reporting

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

Quality Control

- The filter equipment will be operated and maintained according to the manufacturer's recommendations.

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: See Table K – Line 9

Associated Equipment

Table K-1

Emission Point	Emission Unit	Emission Unit Description	Raw Material / Fuel	Rated Capacity	Control Equipment
900	900	Line 9 Infrared Oven	Rubber	789 lb/hr	NA
901	901	Line 9 Infratrol Oven #1	Rubber	789 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
902	902	Line 9 Infratrol Oven #2	Rubber	789 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
903	903	Line 9 Infratrol Oven #2	Rubber	789 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
904	904A	Line 9 Exhaust Hood	Rubber	789 lb/hr	NA
	904B	Line 9 Exhaust Hood	Rubber	789 lb/hr	
	904C	Line 9 Hugger Exhaust	Rubber	789 lb/hr	
905	905	Line 9 Coating Booth	Coatings	1.15 lb/hr	CE 16 Dry Filters
	909	Line 9 Plasma Dyne Surface Treating Unit	Rubber	789 lb/hr	
906	906	Line 9 Infratrol Oven #4	Rubber	789 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
907	907	Line 9 Infratrol Oven #5	Rubber	789 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	
908	908	Line 9 Exhaust Hood	Rubber	789 lb/hr	CE 14 Filters
			Natural Gas	0.80 MMBtu/hr	

Applicable Requirements

The following requirements apply to the emission points identified in Table K-1

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

The emissions from the emission points listed in the table below shall not exceed the levels specified below.

Table K-2

Emission Point	Emission Unit	Opacity 567 IAC 23.3(2)"d	PM-10 (lb/hr)	PM (gr/dscf) 567 IAC 23.3(2)"a"	PM (lb/hr)	SO_2 (ppmv) 567 IAC 23.3(3)	Construction Permit
900	900	40% (2)	0.05	0.1	0.05		07-A-1200
901	901	40% (2)	0.31	0.1	0.31	500	03-A-565-S1
902	902	40% (2)	0.31	0.1	0.31	500	03-A-566-S2
903	903	40% (2)	0.26	0.1	0.26	500	03-A-567-S2
904	904A	40% (2)	0.05	0.1	0.05		03-A-568-S1
	904B						
	904C						
905	905	40% (1)	0.04	0.01	0.04		92-A-065-S4 567 IAC 23.4(13)
	909						
906	906	40% (2)	0.03	0.1	0.03	500	03-A-496-S1
907	907	40% (2)	0.03	0.1	0.03	500	03-A-498-S2
908	908	40% (2)	0.01	0.1	0.01		07-A-1201 567 IAC 23.4(13)

(1) An exceedance of the indicator opacity of 10% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

(2) An exceedance of the indicator opacity of 25% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Operational Limits & Requirements

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

Process throughput:
EP 900-908

1. The maximum amount of rubber processed in this extrusion line, Line 9, shall not exceed 6,912,000 pounds per twelve (12) month rolling period.

EP 905

1. The combined total usage of coating materials shall not exceed 15,000 pounds (1600 gallons) in any rolling twelve-month period for the affected extrusion line, Line 9.
2. The Volatile Organic Compound (VOC) content of the coating materials utilized in Line 9 shall not exceed 3.0 pounds of VOC per gallon of paint.

Reporting & Record keeping:
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 DNR. Records shall be legible and maintained in an orderly manner.

EP 900-904, EP 906-908

1. The permit holder, owner or operator of the facility shall monthly calculate and record the monthly total and the 12-month rolling total amount of rubber processed on extrusion Line 9, in applicable units.

EP 905

1. The permit holder, owner or operator of the facility shall record the VOC and HAP content of any material used in the emission unit, EU905.
2. The permit holder, owner or operator of the facility shall calculate and record the monthly total and the 12-month rolling total amount of coating material used in this emission unit, EU905, in pounds.
3. The permit holder, owner or operator of the facility shall maintain manufacturer/vendor provided information (i.e., Material Safety Data Sheets (MSDS), technical data sheets, etc.) of all materials used in the emission unit, which clearly indicates the VOC content of that material.
4. For the purpose of calculating monthly totals for this emission unit, all materials may be considered emitted on the day they are delivered to the plant or pulled from the warehouse (i.e., purchase records, 55-gallon drum, etc.).

Authority for Requirement: DNR Construction Permits listed in Table K-2

Emission Point Characteristics

The emission points shall conform to the specifications listed below.

Table K-3

Emission Point	Emission Unit	Construction Permit	Height (ft)	Discharge Style	Opening Diameter (in)	Exhaust Temp (^{O}F)	Exhaust flowrate (acfm)
900	900	07-A-1200	36	Vertical Unobstructed	14	150	2,700
901	901	03-A-565-S1	38	Vertical Unobstructed	12	288	720 scfm
902	902	03-A-566-S2	45	Vertical Unobstructed	12	347	867 scfm
903	903	03-A-567-S2	45	Vertical Unobstructed	12	320	822 scfm
904	904A	03-A-568-S1	36	Vertical Unobstructed	24	Ambient	8,250
	904B						
	904C						
905	905	92-A-065-S4	36	Vertical Unobstructed	18	Ambient	5,000 scfm
	909						
906	906	03-A-496-S1	36	Vertical Unobstructed	12	448	833
907	907	03-A-498-S2	36.5	Vertical Unobstructed	12	430	1,250
908	908	07-A-1201	36	Vertical Unobstructed	14	Ambient	5,000

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 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 Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Required for CE-16 & CE-14

- Inspect the coating booth and filter system for conditions that reduce the operating efficiency of the collection system. This will include a visual inspection of the condition of the filter material.
- Maintain a written record of the observation and any action resulting from the inspection.

Record Keeping and Reporting

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

Quality Control

- The filter equipment will be operated and maintained according to the manufacturer's recommendations.

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: Table L – Line 11

Associated Equipment

Table L-1

Emission Point	Emission Unit	Emission Unit Description	Raw Material / Fuel	Rated Capacity	Control Equipment
1101	1101	Line 11 Electric Ballotini Oven	Rubber	800 lb/hr	NA
1102	1102	Line 11 Ballotini Reclaim Tank	Rubber	800 lb/hr	NA
1103	1103A	Line 11 Plastic Extruder Hood	Rubber	800 lb/hr	NA
	1103B	Line 11 Preheater Exhaust Hood	Rubber	0.345 MMBtu/hr	NA
1104	1104	Line 11 Coating Booth	Coatings	8.56 lb/hr	CE 18 Dry Filters
1105	1105B	Line 11 Electric IR Oven	Rubber	800 lb/hr	NA
	1105C	Line 11 IR Exhaust Hood #2	Rubber	800 lb/hr	NA
	1107	Line 11 Coating Booth (2 guns @ 0.60 gal/hr each)	Coatings	5.04 lb/hr	CE 1107 Dry Filters

Applicable Requirements

The following requirements apply to the emission points identified in Table L-1

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

The emissions from the emission points listed in the table below shall not exceed the levels specified below.

Table L-2

Emission Point	Emission Unit	Opacity 567 IAC 23.3(2)"d	PM-10 (lb/hr)	PM (lb/hr)	PM (gr/dscf) 567 IAC 23.3(2)"a"	SO_2 (ppmv) 567 IAC 23.3(3)	VOC (ton/yr)	Total HAP (ton/yr)	Construction Permit
1101	1101	40% (2)			0.1				03-A-274
1102	1102	40% (2)			0.1				03-A-275
1103	1103A	40% (2)	0.84	0.84	0.1	500			03-A-276
	1103B								
1104	1104	40% (2)			0.01		12.8		03-A-277-S2 567 IAC 23.4(13)
1105	1105B	40% (1)	0.1	0.1	0.01		5.6	0.53	03-A-278-S4 567 IAC 23.4(13)
	1105C								
	1107								

(1) An exceedance of the indicator opacity of 10% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

(2) An exceedance of the indicator opacity of 25% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Operational Limits & Requirements

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

Process throughput:

EP 1101-1103

1. There are no operating limits associated with this permit at this time.

EP 1104

1. The maximum VOC content of coating material, as applied, used in the emission unit affected by this permit, shall not exceed 3.0 lb/gal.
2. The maximum amount of coating materials utilized in the associated emission unit shall not exceed 8,520 gallons (75,000 pounds) in any rolling twelve-month period.

EP 1105

1. The maximum amount of rubber processed in this extrusion Line 11, shall not exceed 8,760,000 pounds per twelve (12) month rolling period.
2. The maximum VOC content of coating material, as applied, used in this emission unit affected by this permit, shall not exceed 2.0 lbs per gallon.
3. The maximum total HAP content of coating material, as applied, used in the associated emission unit affected by this permit, shall not exceed 0.1 lb per gallon.
4. The maximum amount of coating materials utilized in the associated emission unit shall not exceed 5,606 gallons per any rolling twelve (12) month period.

Reporting & Record keeping:

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 DNR. Records shall be legible and maintained in an orderly manner.

EP 1101-1103

1. There are no operating condition monitoring requirements associated with this permit at this time.

EP 1104

1. A log of all materials, as applied, used in the affected emission unit and their respective VOC content (in lb/gal).
2. A determination (units of gallons/month) of the total amount of coating material utilized in the booth, EU 1104, on a rolling-12-month basis for each month of operation.
3. A copy of the Material Safety Data Sheet (MSDS) for each material used at the facility (Plant Number 56-01-008).

EP 1105

1. A log of all coatings, as applied, used in the affected emission unit (EU-1107) and their respective VOC, total HAP, and single HAP contents in lb/gal.
2. A log (in gallons per month) of the total amount of coating material utilized in the booth EU-1107, on a rolling 12-month period.
3. A copy of the Material safety Data Sheet (MSDS) for each material used at the facility (Plant number 56-01-008).

Authority for Requirement: DNR Construction Permits listed in Table L-2

Emission Point Characteristics

The emission points shall conform to the specifications listed below.

Table L-3

Emission Point	Emission Unit	Construction Permit	Height (ft)	Discharge Style	Opening Diameter (in)	Exhaust Temp (^{O}F)	Exhaust flowrate (scfm)
1101	1101	03-A-274	36	Vertical Unobstructed	24	190	2,143 acfm
1102	1102	03-A-275	33	Vertical Unobstructed	12	Ambient	NA
1103	1103A	03-A-276	29	Vertical Unobstructed	18	100	9,800
	1103B						
1104	1104	03-A-277-S2	31	Vertical Unobstructed	10	Ambient	1,667
1105	1105B	03-A-278-S4	36	Vertical Unobstructed	34	190	15,447
	1105C						
	1107						

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 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 Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Required for CE-18 & CE-1107

- Inspect the coating booth system for conditions that reduce the operating efficiency of the collection system. This will include a visual inspection of the condition of the filter material.
- Maintain a written record of the observation and any action resulting from the inspection.

Record Keeping and Reporting

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

Quality Control

- The filter equipment will be operated and maintained according to the manufacturer's recommendations.

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: See Table M – Line 12

Associated Equipment

Emission Point	Emission Unit	Emission Unit Description	Raw Material / Fuel	Rated Capacity	Control Equipment
1201IR	1201IR	Line 12 Infrared Heater (45 kW)	Rubber	1,000 lb/hr	NA
			Electricity	45 kW	NA
1202	1202	Line 12 Infratrol Oven #2	Rubber	1,000 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	NA
1203	1203	Line 12 Infratrol Oven #3	Rubber	1,000 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	NA
1204	1204	Line 12 Infratrol Oven #4	Rubber	1,000 lb/hr	NA
			Natural Gas	0.80 MMBtu/hr	NA
1205	1205A	Line 12 Oven Exhaust Hood #1	Rubber	1,000 lb/hr	NA
1206	1206	Line 12 Coating Booth	Coatings	187.5 lb/hr	CE 19 Dry Filters
1207	1207A	Line 12 Infrared Oven (3 @ 30 kW)	Electricity	30 kW	NA
	1207B	Line 12 Infrared Oven (180 kW)	Electricity	180 kW	NA
1208	1208	Line 12 Coating Spray Booth	Coatings	2.0 gal/hr	CE 1208 Dry Filters

Applicable Requirements

The following requirements apply to the emission points identified in Table M-1

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

The emissions from the emission points listed in the table below shall not exceed the levels specified below.

Table M-2

Emission Point	Emission Unit	Opacity 567 IAC 23.3(2)"d	PM-10 (ton/yr)	PM-10 (lb/hr)	PM (gr/dscf) 567 IAC 23.3(2)"a"	SO_2 (ppmv) 567 IAC 23.3(3)	VOC (ton/yr)	Construction Permit
1201IR	1201IR	40%(1)	6.4		0.1		27.0	03-A-509-S1
1202	1202	40%(1)			0.1	500		03-A-510-S1
1203	1203	40%(1)			0.1	500		03-A-511-S1
1204	1204	40%(1)			0.1	500		03-A-512-S1
1205	1205A	40%(1)			0.1	500		03-A-513-S2
1206	1206 1209	40%(1)			0.01			03-A-1203-S1 567 IAC 23.4(13)
1207	1207A	40%(2)			0.1			03-A-1204-S1
	1207B							
1208	1208	40%(3)		0.20	0.01			11-A-504-S1 567 IAC 23.4(13)

(1) An exceedance of the indicator opacity of 20% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

(2) An exceedance of the indicator opacity of 25% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

(3) An exceedance of the indicator opacity of "no visible emissions" will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Operational Limits & Requirements

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

Process throughput:

EP 1201IR-1207

1. The maximum amount of rubber processed in this extrusion line, Line 12, shall not exceed 8,760,000 pounds per twelve (12) month rolling period.

EP 1206

1. The combined total usage of coating materials with a total HAP content of less than or equal to 1.0 pound of total HAPs per gallon shall not exceed 49,000 pounds (6250 gallons) in any rolling twelve-month period for the affected extrusion line, Line 12.
2. The combined total usage of coating materials with a total HAP content of greater than 1.0 pound of total HAPs per gallon but less than 7.5 pound of total HAPs per gallon shall not exceed 500 gallons in any rolling twelve-month period for the affected extrusion line, Line 12.

3. The Volatile Organic Compound (VOC) content of the coating materials utilized in Line 12 shall not exceed 7.3 pounds of VOC per gallon of paint.

EP 1208
1. The combined total of VOC and HAP-containing materials used in the coating booth, EU 1208, shall not exceed 6,250 gallons in any rolling twelve-month period.
2. The Volatile Organic Compound (VOC) content of the VOC-containing materials, as applied, utilized in this coating booth shall not exceed 3.0 pounds of VOC per gallon.
3. The individual HAP content of any material, as applied, utilized in this coating booth shall not exceed 1.0 pound of an individual HAP per gallon.
4. No more than two spray guns may be operated at any one time. When in operation the total spray gun capacity shall not exceed 2.0 gallons per hour.
5. The permittee shall install, operate, and maintain the dry filters in accordance with the recommendations of the manufacturer.

Reporting & Record keeping:
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 DNR. Records shall be legible and maintained in an orderly manner.

EP 1201IR-1208
1. A copy of the Material Safety Data Sheet (MSDS) for each material used at the facility.

EP 1201IR-1207
1. A log of all materials, as applied, used in the affected extrusion line, Line 12, and their respective VOC content (in lb/gal).
2. A determination (units of pounds/month) of the total amount of rubber processed on extrusion Line 12 on a rolling-12-month basis for each month of operation.

EP 1206
1. A determination (units of pounds/month) of the total amount of coating material utilized in the booth, EU 1206, on a rolling-12-month basis for each month of operation.

EP 1208
1. A log of all materials, as applied, used in EU 1208, and their respective VOC and individual HAP content (in lb/gal).
2. A determination (units of gallons/month) of the total amount of VOC and HAP-containing material utilized in the coating booth (EU 1208) on a rolling-12-month basis for each month of operation.
3. Maintain records on the type of filters used in the coating spray booth.
4. Maintain records on the type of spray guns used in the coating spray booth.

Authority for Requirement: DNR Construction Permits listed in Table M-2

Emission Point Characteristics

The emission points shall conform to the specifications listed below.

Table N-3

Emission Point	Emission Unit	Construction Permit	Height (ft)	Discharge Style	Opening Diameter (in)	Exhaust Temp (^{O}F)	Exhaust flowrate (scfm)
1201IR	1201IR	03-A-509-S1	42	Vertical Unobstructed	12	200	1,836
1202	1202	03-A-510-S1	49	Vertical Unobstructed	12	360	789
1203	1203	03-A-511-S1	51	Vertical Unobstructed	12	253	911
1204	1204	03-A-512-S1	49	Vertical Unobstructed	12	306	813
1205	1205A	03-A-513-S2	50	Vertical Unobstructed	18	Ambient	2,300
1206	1206 1209	03-A-1203-S1	50	Vertical Unobstructed	18	68	5,000
1207	1207A 1207B	03-A-1204-S1	50	Vertical Unobstructed	34	300	13,248
1208	1208	11-A-504-S1	50	Vertical Unobstructed	18	68	4,460

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 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 Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Required for CE-19 & CE-1208

- Inspect the coating booth system for conditions that reduce the operating efficiency of the collection system. This will include a visual inspection of the condition of the filter material.
- Maintain a written record of the observation and any action resulting from the inspection.

Record Keeping and Reporting

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

Quality Control

- The filter equipment will be operated and maintained according to the manufacturer's recommendations.

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: See Table N – Line 13

Associated Equipment

Table N-1

Emission Point	Emission Unit	Emission Unit Description	Raw Material / Fuel	Rated Capacity	Control Equipment
1301	1301A	Line 13IR Preheater Exhuast Hood	Rubber	1,000 lb/hr	NA
	1301B	Line 13 Gerlach #1 Exhaust Hood	Rubber	1,000 lb/hr	
	1301IR	Line 13 IR Preheater Oven	Rubber	1,000 lb/hr	
1302	1302	Line 13 Gerlach Oven #1	Natural Gas	0.34 MMBtu/hr	NA
1303	1303	Line 13 Ovens Gap Hood	Rubber	1,000 lb/hr	NA
1304	1304	Line 13 Gerlach Oven #2	Natural Gas	0.34 MMBtu/hr	NA
1305	1305	Line 13 Oven #2 Exhaust Hood	Rubber	1,000 lb/hr	NA
1306	1306	Line 13 Coating Spray Booth	Coatings	2.0 gal/hr	CE 1306 Dry Filters
1307	1307	Line 13 Coating Spray Booth	Coatings	2.0 gal/hr	CE 1307 Dry Filters
1308	1308	Line 13 IR Cure Oven Exhaust	Rubber	1,000 lb/hr	NA

Applicable Requirements

The following requirements apply to the emission points identified in Table N-1

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

The emissions from the emission points listed in the table below shall not exceed the levels specified below.

Table N-2

Emission Point	Emission Unit	Opacity 567 IAC 23.3(2)"d	PM-10 (lb/hr)	PM (gr/dscf) 567 IAC 23.3(2)"a"	PM (ton/yr)	SO_2 (ppmv) 567 IAC 23.3(3)	Construction Permit
1301	1301A	40%[1]	0.031	0.1	0.031		12-A-181-S1
	1301B						
	1301IR						
1302	1302	40%[2]	0.117	0.1	0.117	500	12-A-182-S1
1303	1303	40%[1]	0.076	0.1	0.076		12-A-183
1304	1304	40%[2]	0.134	0.1	0.134	500	12-A-184
1305	1305	40%[1]	0.038	0.1	0.038		12-A-185-S1
1306	1306	40%[1]	0.188	0.01	0.188		12-A-186 567 IAC 23.4(13)
1307	1307	40%[1]	0.193	0.01	0.193		12-A-187 567 IAC 23.4(13)
1308	1308	40%[1]					12-A-188

[1] An exceedance of the indicator opacity of "No Visible Emissions" will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

[2] An exceedance of the indicator opacity of 10% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Operational Limits & Requirements

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

Process throughput:

EP 1301-1305, and 1308

1. The maximum amount of rubber processed in this extrusion line, Line 13, shall not exceed 7,450,000 pounds per twelve (12) month rolling period.

EP 1306-1307

1. The combined total of VOC and HAP-containing materials used in each coating booth, EU-1306 and 1307, shall not exceed 6,250 gallons in any rolling twelve-month period.
2. The Volatile Organic Compound (VOC) content of the VOC-containing materials, as applied, utilized in each coating booth shall not exceed 3.0 pounds of VOC per gallon.
3. The individual HAP content of any material, as applied, utilized in each coating booth shall not exceed 1.0 pound of an individual HAP per gallon.
4. No more than three spray guns may be operated at any one time in each coating booth. When in operation the total spray gun capacity shall not exceed 2.0 gallons per hour.
5. The permittee shall install, operate, and maintain the dry filters in accordance with the recommendations of the manufacturer.

Reporting & Record keeping:

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 DNR. Records shall be legible and maintained in an orderly manner.

EP 1301-1305, and 1308

1. Upon the issuance of this permit, the total amount of rubber processed on extrusion Line 13 for the twelve (12) months prior to the issuance of this permit shall be calculated.
2. A determination (units of pounds/month) of the total amount of rubber processed on extrusion Line 13 on a rolling-12-month basis for each month of operation.
3. A copy of the Material Safety Data Sheet (MSDS) for each material used at the facility.

EP 1306-1307

1. A log of all materials, as applied, used in EU-1306 and 1307, and their respective VOC and individual HAP content (in lb/gal).
2. A determination (units of gallons/month) of the total amount of VOC and HAP-containing material utilized in each coating booth (EU-1306 and 1307) on a rolling-12-month basis for each month of operation.
3. A copy of the Material Safety Data Sheet (MSDS) for each material used at the facility.
4. Maintain records on the type of spray guns used in the coating spray booths.
5. Maintain records on the type of filters used in the coating spray booths.

Authority for Requirement: DNR Construction Permits listed in Table N-2

Emission Point Characteristics

The emission points shall conform to the specifications listed below.

Table N-3

Emission Point ID	Emission Unit ID	Construction Permit	Height (ft)	Discharge Style	Opening Diameter (in)	Exhaust Temp (^{O}F)	Exhaust flowrate (acfm)
1301	1301	12-A-181-S1	50	Vertical Unobstructed	12	222	2,287
1302	1302	12-A-182-S1	60	Vertical Unobstructed	8	490	2,189
1303	1303	12-A-183	50	Vertical Unobstructed	12	222	2,287
1304	1304	12-A-184	60	Vertical Unobstructed	8	412	2,189
1305	1305	12-A-185-S1	50	Vertical Unobstructed	12	222	2,287
1306	1306	12-A-186	50	Vertical Unobstructed	18	68	4,994
1307	1307	12-A-187	50	Vertical Unobstructed	18	68	4,994
1308	1308	12-A-188	40	Vertical Unobstructed	26.75	250	18,280

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 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 Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Required for CE-1306 & CE-1307

- Inspect the coating booth system for conditions that reduce the operating efficiency of the collection system. This will include a visual inspection of the condition of the filter material.
- Maintain a written record of the observation and any action resulting from the inspection.

Record Keeping and Reporting

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

Quality Control

- The filter equipment will be operated and maintained according to the manufacturer's recommendations.

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: See Table O – Line 14

Associated Equipment

Table O-1

Emission Point	Emission Unit	Emission Unit Description	Raw Material / Fuel	Rated Capacity	Control Equipment
1401IR	1401A	Line 14 IR Preheater Exhaust Hood	Rubber	850 lb/hr	NA
	1401B	Line 14 Exhaust Hood	Rubber	850 lb/hr	
	1401IR	IR Preheater Oven	Rubber	850 lb/hr	
1402	1402	Line 14 Jet Air Oven	Natural Gas	0.102 MMBtu/hr	NA
1403	1403	Line 14 Gerlach Oven #1	Natural Gas Rubber	0.344 MMBtu/hr 850 lb/hr	NA
1404	1404	Line 14 Ovens Gap Hood	Rubber	850 lb/hr	NA
1405	1405	Line 14 Gerlach Oven #2	Natural Gas Rubber	0.344 MMBtu/hr 850 lb/hr	NA
1406	1406	Line 14 Oven #2 Exhaust Hood	Natural Gas Rubber	0.344 MMBtu/hr 850 lb/hr	NA
1407	1407	Line 14 Coating Spray Booth	Coatings	2.0 gal/hr	CE 1407 Dry Filters
1408	1408	Line 14 Coating Spray Booth	Coatings	2.0 gal/hr	CE 1408 Dry Filters
1409	1409	Line 14 IR Cure Oven Exhaust	Rubber	850 lb/hr	NA

Applicable Requirements

The following requirements apply to the emission points identified in Table O-1

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

The emissions from the emission points listed in the table below shall not exceed the levels specified below.

Table O-2

Emission Point	Emission Unit	Opacity 567 IAC 23.3(2)"d	PM-10 (lb/hr)	PM (gr/dscf) 567 IAC 23.3(2)"a"	PM (ton/yr)	SO_2 (ppmv) 567 IAC 23.3(3)	Construction Permit
1401IR	1401A 1401B 1401IR	40%(1)	0.063	0.1	0.063		12-A-189
1402	1402	40%(2)	0.083	0.1	0.083	500	12-A-190
1403	1403	40%(2)	0.292	0.1	0.292	500	12-A-191
1404	1404	40%(1)	0.076	0.1	0.076		12-A-192
1405	1405	40%(2)	0.333	0.1	0.333		12-A-193
1406	1406	40%(1)	0.061	0.1	0.061		12-A-194
1407	1407	40%(1)	0.188	0.01	0.188		12-A-195 567 IAC 23.4(13)
1408	1408	40%(1)	0.193	0.01	0.193		12-A-196 567 IAC 23.4(13)
1409	1409	40%(1)					12-A-197

(1) An exceedance of the indicator opacity of "No Visible Emissions" will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

(2) An exceedance of the indicator opacity of 10% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Operational Limits & Requirements

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

Process throughput:
EP 1401IR-1406 and 1409

1. The maximum amount of rubber processed in this extrusion line, Line 14, shall not exceed 7,450,000 pounds per twelve (12) month rolling period.

EP 1407-1408

1. The combined total of VOC and HAP-containing materials used in each coating booth, EU-1407 & EU-1408, shall not exceed 6,250 gallons in any rolling twelve-month period.
2. The Volatile Organic Compound (VOC) content of the VOC-containing materials, as applied, utilized in each coating booth shall not exceed 3.0 pounds of VOC per gallon.
3. The individual HAP content of any material, as applied, utilized in each coating booth shall not exceed 1.0 pound of an individual HAP per gallon.
4. No more than three spray guns may be operated at any one time in each coating booth. When in operation the total spray gun capacity shall not exceed 2.0 gallons per hour.

5. The permittee shall install, operate, and maintain the dry filters in accordance with the recommendations of the manufacturer.

Reporting & Record keeping:
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 DNR. Records shall be legible and maintained in an orderly manner.

EP 1401IR-1406 and 1409
1. A determination (units of pounds/month) of the total amount of rubber processed on extrusion Line 14 on a rolling-12-month basis for each month of operation.
2. A copy of the Material Safety Data Sheet (MSDS) for each material used at the facility.

EP 1407-1408
1. A log of all materials, as applied, used in EU-1407 & EU-1408, and their respective VOC and individual HAP content (in lb/gal).
2. A determination (units of gallons/month) of the total amount of VOC and HAP-containing material utilized in each coating booth, EU-1407 & EU-1408 on a rolling-12-month basis for each month of operation.
3. A copy of the Material Safety Data Sheet (MSDS) for each material used at the facility.
4. Maintain records on the type of spray guns used in the coating spray booths.
5. Maintain records on the type of filters used in the coating spray booths.

Authority for Requirement: DNR Construction Permits listed in Table O-3

Emission Point Characteristics

The emission points shall conform to the specifications listed below.

Table O-3

Emission Point	Emission Unit	Construction Permit	Height (ft)	Discharge Style	Opening Diameter (in)	Exhaust Temp (^{O}F)	Exhaust flowrate (acfm)
1401IR	1401A	12-A-189	50	Vertical Unobstructed	12	200	2,287
	1401B						
	1401IR						
1402	1402	12-A-190	60	Vertical Unobstructed	8	222	346
1403	1403	12-A-191	60	Vertical Unobstructed	8	412	2,189
1404	1404	12-A-192	50	Vertical Unobstructed	12	222	2,287
1405	1405	12-A-193	60	Vertical Unobstructed	8	412	2,189
1406	1406	12-A-194	50	Vertical Unobstructed	12	222	2,287
1407	1407	12-A-195	50	Vertical Unobstructed	18	68	4,994
1408	1408	12-A-196	50	Vertical Unobstructed	18	68	4,994
1409	1409	12-A-197	40	Vertical Unobstructed	26.75	250	18,280

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 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 Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Required for CE-1407 & CE-1308

- Inspect the coating booth system for conditions that reduce the operating efficiency of the collection system. This will include a visual inspection of the condition of the filter material.
- Maintain a written record of the observation and any action resulting from the inspection.

Record Keeping and Reporting

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

Quality Control

- The filter equipment will be operated and maintained according to the manufacturer's recommendations.

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: See Table P – RS Coating Line

Associated Equipment

Table P-1

Emission Point	Emission Unit	Emission Unit Description	Raw Material / Fuel	Rated Capacity	Control Equipment
2701	2701	RS Primer Booth #1	Primer & Toluene	37.5 lb/hr	CE 39 Dry Filters
2703	2703	RS Flash Off Tunnel	Primer & Toluene	37.5 lb/hr	NA
2704	2704	RS Topcoat Booth	Coatings	10.94 lb/hr	CE 41 Dry Filters
2705	2705	RS Cure Oven	Coatings	10.94 lb/hr	NA
			Natural Gas	2.0 MMBtu/hr	

Applicable Requirements

The following requirements apply to the emission points identified in Table P-1

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

The emissions from the emission points listed in the table below shall not exceed the levels specified below.

Table P-2

Emission Point	Emission Unit	Opacity 567 IAC 23.3(2)"d	PM-10 (lb/hr)	PM (gr/dscf) 567 IAC 23.3(2)"a"	PM (lb/hr)	SO_2 (ppmv) 567 IAC 23.3(3)	VOC (ton/yr)	Construction Permit
2701	2701	40%(1)	0.36	0.01	0.36	NA	39.4(2)	94-A-441-S3 567 IAC 23.4(13)
2703	2703	40%(1)	NA	0.1	NA	NA		94-A-443-S2
2704	2704	40%(1)	0.24	0.01	0.24	NA		94-A-444-S3 567 IAC 23.4(13)
2705	2705	40%(1)	0.16	0.1	0.16	500		94-A-445-S3

(1) An exceedance of the indicator opacity of 10% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

(2) Maximum VOC emissions from the RS Coating Line, emission units EU-2701 through EU-2705, shall not exceed 39.4 tons in any rolling twelve-month period.

Operational Limits & Requirements

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

Process throughput:
EP 2701-2705

1. Maximum VOC emissions from the RS Coating Line, emission units EU-2701 through EU-2705, shall not exceed 39.4 tons in any rolling twelve-month period.

Reporting & Record keeping:
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 DNR. Records shall be legible and maintained in an orderly manner.

EP 2701-2705
1. The permit holder, owner and operator of the facility shall calculate and update monthly the twelve-month rolling VOC emissions total from the RS Coating Line, EU 2701 through EU 2705.
2. A copy of the Material Safety Data Sheet (MSDS) for each material used in the affected emission units.

EP 2701, EP 2704
1. The permit holder, owner and operator of the facility shall record daily the amount of all materials used in the RS Primer Booth EU-2701 & the RS Coating Booth EU-2704.
2. The permit holder, owner and operator of the facility shall maintain a log of all materials, as applied, used in the RS Primer Booth EU-2701 & the RS Coating Booth EU-2704, and their respective VOC content (in lb/gal).
3. The permit holder, owner and operator of the facility shall maintain a log of all materials, as applied, used in the RS Primer Booth EU-2701 & the RS Coating Booth EU-2704, and their respective VOC content (in lb/gal).

EP 2705
1. The permit holder, owner and operator of the facility shall record daily the amount of natural gas consumed in the cure oven.

Authority for Requirement: DNR Construction Permits listed in Table P-2

Emission Point Characteristics
The emission points shall conform to the specifications listed below.

Table P-3

Emission Point	Emission Unit	Construction Permit	Height (ft)	Discharge Style	Opening Diameter (in)	Exhaust Temp (^{O}F)	Exhaust flowrate (scfm)
2701	2701	94-A-441-S3	45	Vertical Unobstructed	24	Ambient	8,500
2703	2703	94-A-443-S2	40	Vertical Unobstructed	18	Ambient	1,800
2704	2704	94-A-444-S3	40	Vertical Unobstructed	18	Ambient	1,800
2705	2705	94-A-445-S3	40	Vertical Unobstructed	30 x 22	280	3,675

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 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 Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Required for CE-39 & CE-41

- Inspect the primer and coating booth systems for conditions that reduce the operating efficiency of the collection system. This will include a visual inspection of the condition of the filter material.
- Maintain a written record of the observation and any action resulting from the inspection.

Record Keeping and Reporting

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

Quality Control

- The filter equipment will be operated and maintained according to the manufacturer's recommendations.

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: See Table Q – Mixers & Silos

Associated Equipment

Table Q-1

Emission Point	Emission Unit	Emission Unit Description	Raw Material / Fuel	Rated Capacity	Control Equipment
4001	4001	Mixer #1	Carbon Black	2,333 lb/hr	CE 4001 Baghouse
4002	4002	Mixer #2	Carbon Black	3,500 lb/hr	CE 4002 Baghouse
4003	4003	Silo #1	Carbon Black	4,000 lb/hr	CE 4003 Baghouse
4004	4004	Silo #2	Carbon Black	666 lb/hr	CE 4004 Baghouse
4005	4005	Silo #3	Talc	1,518 lb/hr	CE 4005 Baghouse

Applicable Requirements

The following requirements apply to the emission points identified in Table Q-1

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

The emissions from the emission points listed in the table below shall not exceed the levels specified below.

Table Q-2

Emission Point	Emission Unit	Opacity 567 IAC 23.3(2)"d	PM-10 (lb/hr)	PM (lb/hr)	PM (gr/dscf) 567 IAC 23.3(2)"a"	Construction Permit
4001	4001	40%(1)	0.58	0.58	0.1	00-A-810-S1
4002	4002	40%(1)	0.58	0.58	0.1	00-A-811-S3
4003	4003	40%(2)	0.08	NA	0.1	00-A-808
4004	4004	40%(2)	0.013	NA	0.1	00-A-809
4005	4005	40%(1)	0.08	0.08	0.1	01-A-825-S1

(1) An exceedance of the indicator opacity of 10% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

(2) An exceedance of the indicator opacity of "no visible emissions" will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Authority for Requirement: DNR Construction Permits listed in Table Q-2

Operational Limits & Requirements

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

Process throughput:
EP 4001 – EP 4005

1. There are no operating limits associated with this permit at this time.

Reporting & Record keeping:
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 DNR. Records shall be legible and maintained in an orderly manner.

EP 4001 and EP 4003 – EP 4005
1. There are no operating condition monitoring requirements associated with this permit at this time.

EP 4002
1. The permittee shall inspect and maintain the control equipment (Baghouse), CE 4002, according to the facility's operation and maintenance plan or manufacturer's specifications with inspections occurring at a minimum of once per calendar year.
    a. The date and time any inspection and/or maintenance and inspection activities performed on the control equipment. This log shall include, but is not limited to:
        i. The date and time any inspection and/or maintenance was performed on the emission unit and/or control equipment;
        ii. Any issue(s) identified during the inspection and the date each issue(s) was resolved; and,
        iii. Any issue(s) addressed during the maintenance activities and the date each issue(s) was resolved.

Authority for Requirement: DNR Construction Permits identified in Table Q-2

Emission Point Characteristics
The emission points shall conform to the specifications listed below.

Table Q-3

Emission Point	Emission Unit	Construction Permit	Height (ft)	Discharge Style	Opening Diameter (in)	Exhaust Temp (^{O}F)	Exhaust flowrate (scfm)
4001	4001	00-A-810-S1	30	Vertical Unobstructed	12	Ambient	6,500
4002	4002	00-A-811-S3	30	Vertical Unobstructed	12	70	2,200
4003	4003	00-A-808	69	Vertical Obstructed	12	Ambient	675
4004	4004	00-A-809	69	Vertical Obstructed	12	Ambient	675
4005	4005	01-A-825-S1	44	Horizontal	12	Ambient	675

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 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: One test on any EP 4001 – EP 4005 may be used to show compliance for all

Pollutant - PM
Stack Test to be Completed by – March 27, 2025
Test Method – 40 CFR 60, Appendix A, Method 5
40 CFR 51 Appendix M Method 202
Authority for Requirement - 567 IAC 22.108(3)

Pollutant – PM-10
Stack Test to be Completed by – March 27, 2025
Test Method – 40 CFR 51, Appendix M, 201A with 202[(1)]
[(1)] or an approved alternative
Authority for Requirement - 567 IAC 22.108(3)

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 the completion of the testing. 567 IAC 25.1(7)

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☒ **No** ☐

Section VI. Appendix: Compliance Assurance Monitoring (CAM) Plans for the Carbon Black and Talc Silos (EP 4001, 4002, 4003, and 4005)

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: EP B1

Associated Equipment

Associated Emission Unit ID Number: B1
Emissions Control Equipment ID Number: CE B1
Emissions Control Equipment Description: Dry Filters

Emission Unit vented through this Emission Point: B1
Emission Unit Description: Spray Booth 2
Raw Material/Fuel: Coatings
Rated Capacity: 2 guns @ 5oz/min, each

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 40%[(1)]
Authority for Requirement: DNR Construction Permit 16-A-507-S1
567 IAC 23.3(2)"d"

[(1)] An exceedance of the indicator opacity of "No Visible Emissions" will require the owner or operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the Department may require additional proof to demonstrate compliance (e.g., stack testing).

Pollutant: Particulate Matter <10µm (PM-10)
Emission Limit(s): 0.0047 lb/hr
Authority for Requirement: DNR Construction Permit 16-A-507-S1

Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.0047 lb/hr, 0.01 gr/dscf
Authority for Requirement: DNR Construction Permit 16-A-507-S1
567 IAC 23.4(13)

Operating Requirements with Associated Monitoring and Recordkeeping

Unless specified by a federal regulation, all records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

1. The total amount of VOC-containing surface coating materials (i.e., primers, topcoats, solvents, etc.) used in this coating booth, EU B1, shall not exceed 3,000 gallons, in any rolling twelve-month period.
    a. The permit holder, owner or operator of the facility shall monthly calculate and records the monthly total and the 12-month rolling total amount of VOC-containing coating materials used in the both, EU B1, in applicable units.
    b. For the purpose of calculating monthly totals for this emission unit, all materials may be considered emitted on the day they are delivered to the plan or pulled from the warehouse (i.e., purchase records, 55-gallon drum, etc.)
2. The maximum Volatile Organic Compound (VOC) content of the surface coating materials used in the booth, EU-B1, shall not exceed 7.2 pounds of VOC per gallon of coating material.
3. The maximum individual HAP (IHAP) content of the surface coating materials used in this booth, EU B1, shall not exceed 3.0 pounds of IHAP per gallon of coating material.
4. The owner or operator shall retain Safety Data Sheets (SDS) for each material used in the coating booth, which clearly indicates the VOC and HAP content of each material.
5. The permittee shall inspect and maintain the control equipment according to the facility's operation and maintenance plan or manufacturer's specifications with inspections occurring at a minimum of once per calendar year.
6. The permittee shall maintain a log of all maintenance and inspection activities performed on the control equipment. This log shall include, but is not limited to:
    a. The date and time any inspection and/or maintenance was performed on the emissions unit and/or control equipment;
    b. Any issue(s) identified during the inspection and the date each issue(s) was resolved; and,
    c. Any issue(s) addressed during the maintenance activities and the date each issue(s) was resolved.

Authority for Requirement: DNR Construction Permit 16-A-507-S1

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 31
Stack Opening, (inches, dia.): 24
Exhaust Flow Rate (scfm): 7,370
Exhaust Temperature (°F): 70
Discharge Style: Vertical Unobstructed
Authority for Requirement: DNR Construction Permit 16-A-507-S1

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 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 Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐
Required for CE B1

- Inspect the primer and coating booth system for conditions that reduce the operating efficiency of the collection system. This will include a visual inspection of the condition of the filter material.
- Maintain a written record of the observation and any action resulting from the inspection.

Record Keeping and Reporting

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

Quality Control

- The filter equipment will be operated and maintained according to the manufacturer's recommendations.

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: Bulk Glue Room

Associated Equipment

Associated Emission Unit ID Number: Bulk Glue Room

Emission Unit vented through this Emission Point: Bulk Glue Room
Emission Unit Description: Bulk Adhesive Delivery Room
Raw Material/Fuel: Adhesive
Rated Capacity: 6.40 lb/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

There are no applicable emission limits for this emission point at this time.

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 15
Stack Opening, (inches, dia.): 14
Exhaust Flow Rate (scfm): 2,000
Exhaust Temperature (°F): Ambient
Discharge Style: Vertical
Authority for Requirement: DNR Construction Permit 05-A-268

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 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 Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: EP-MIX

Associated Equipment

Associated Emission Unit ID Number: MIX

Emission Unit vented through this Emission Point: MIX
Emission Unit Description: Mixing Room
Raw Material/Fuel: Coatings
Rated Capacity: 5 lb/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

There are no applicable emission limits for this emission point at this time.

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 31
Stack Opening, (inches, dia.): 12
Exhaust Flow Rate (scfm): 2,125
Exhaust Temperature (°F): Ambient
Discharge Style: Vertical Unobstructed
Authority for Requirement: DNR Construction Permit 13-A-408

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 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 Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 2204

Associated Equipment

Associated Emission Unit ID Number: 2204

Emission Unit vented through this Emission Point: 2204
Emission Unit Description: 2nd Floor Service Despatch Oven #1
Raw Material/Fuel: Natural Gas
Rated Capacity: 0.40 MMBtu/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 40%(1)
Authority for Requirement: DNR Construction Permit 92-A-419-S1
567 IAC 23.3(2)"d"

(1) An exceedance of the indicator opacity of 25% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.1 gr/dscf
Authority for Requirement: DNR Construction Permit 92-A-419-S1
567 IAC 23.3(2)"a"

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 500 ppm
Authority for Requirement: 567 IAC 23.3(3)

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 41
Stack Opening, (inches, dia.): 6
Exhaust Flow Rate (acfm): 384
Exhaust Temperature (°F): 245
Discharge Style: Vertical Obstructed
Authority for Requirement: DNR Construction Permit 92-A-419-S1

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 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 Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 2205

Associated Equipment

Associated Emission Unit ID Number: 2205
Emissions Control Equipment ID Number: CE 38
Emissions Control Equipment Description: Dry Filters

Emission Unit vented through this Emission Point: 2205
Emission Unit Description: 2nd Floor Service Coating Booth
Raw Material/Fuel: Coatings
Rated Capacity: 0.35 lb/hr

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 40%(1)
Authority for Requirement: DNR Construction Permit 92-A-420-S1
567 IAC 23.3(2)"d"

(1) An exceedance of the indicator opacity of 10% will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.01 gr/dscf
Authority for Requirement: DNR Construction Permit 92-A-420-S1
567 IAC 23.4(13)

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 41.5
Stack Opening, (inches, dia.): 6.5
Exhaust Flow Rate (acfm): 3,576
Exhaust Temperature (°F): Ambient
Discharge Style: Vertical Obstructed
Authority for Requirement: DNR Construction Permit 92-A-420-S1

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 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 Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐

Required for CE 38

- Inspect the coating booth system for conditions that reduce the operating efficiency of the collection system. This will include a visual inspection of the condition of the filter material.
- Maintain a written record of the observation and any action resulting from the inspection.

Record Keeping and Reporting

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

Quality Control

- The filter equipment will be operated and maintained according to the manufacturer's recommendations.

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 128

Associated Equipment

Associated Emission Unit ID Number: 128

Emission Unit vented through this Emission Point: 128
Emission Unit Description: Emergency Generator
Raw Material/Fuel: Diesel Fuel
Rated Capacity: 800 hp

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit(s): 40%
Authority for Requirement: 567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM)
Emission Limit(s): 500 parts per million by volume (ppmv)
Authority for Requirement: 567 IAC 23.3(3)"e"

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 500 parts per million by volume (ppmv)
Authority for Requirement: 567 IAC 23.3(3)"e"

NESHAP:
The emergency engine is subject to 40 CFR 63 Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE). According to 40 CFR 63.6590(a)(1)(i) this emergency engine, located at a major source, is an existing stationary RICE as it was constructed prior to December 19, 2002.

According to 63.6590(b)(3)(iii), an existing emergency stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions is not subject to the requirements of 40 CFR 63 Subpart ZZZZ and Subpart A, including initial notification requirements.

Authority for Requirement: 40 CFR Part 63 Subpart ZZZZ
567 IAC 23.1(4)"cz"

Monitoring Requirements

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

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: 130

Associated Equipment

Associated Emission Unit ID Number: 130

Emission Unit vented through this Emission Point: 130
Emission Unit Description: Diesel Fire Pump Engine
Raw Material/Fuel: Diesel Fuel
Rated Capacity: 237 hp

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission point shall not exceed the levels specified below.

NESHAP:
The emergency engine is subject to 40 CFR 63 Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE). According to 40 CFR 63.6590(a)(1)(ii) this compression ignition emergency engine, located at a major source, is a new stationary RICE as it was constructed on or after June 12, 2006.

According to 40 CFR 63.6590(c)(6), this emergency engine must meet the requirements of subpart ZZZZ by meeting the requirements of 40 CFR 60 Subpart IIII for compression ignition engines. No further requirements apply for this emergency engine under subpart ZZZZ.

Authority for Requirement: 40 CFR Part 63 Subpart ZZZZ
567 IAC 23.1(4)"cz"

NSPS Subpart IIII Requirements:

Emission Standards:
According to 40 CFR 60.4205(c) and Table 4 to Subpart IIII, you must comply with the following emission standards in grams/kW-hr (grams/HP-hr):

Maximum Engine Power	Model Year(s)	NMHC + NOx	CO	PM
130 ≤ kW ≤ 560 (175 ≤ HP ≤ 750)	2008 and earlier	10.5 (7.8)	3.5 (2.6)	0.54 (0.40)
	2009+	4.0 (3.0)		0.20 (0.15)

(1) For model years 2011-2013, manufacturers, owners and operators of fire pump stationary CI ICE in this engine power category with a rated speed of greater than 2,650 revolutions per minute (rpm) may comply with the emission limitations for 2010 model year engines.

(2) For model years 2010-2012, manufacturers, owners and operators of fire pump stationary CI ICE in this engine power category with a rated speed of greater than 2,650 rpm may comply with the emission limitations for 2009 model year engines.

Fuel Requirements (if using diesel):
You must use diesel fuel that has a maximum sulfur content of 15 ppm (0.0015%) by weight and a minimum cetane index of 40 or a maximum aromatic content of 35 percent by volume. 40 CFR 60.4207 and 40 CFR 80.510(b).

Compliance Requirements:

1. You must operate and maintain the engine to comply with the required emission standards over the entire life of the engine (40 CFR 60.4206) by doing all of the following (40 CFR 60.4211(a)).
    a) Operating and maintaining the engine and control device according to the manufacturer's emission-related written instructions;
    b) Changing only those emission-related settings that are permitted by the manufacturer; and
    c) Meeting the requirements of 40 CFR 89, 94 and/or 1068, as they apply to you.
2. [2A]: You must demonstrate compliance with the applicable emission standards according to one of the following methods. 40 CFR 60.4211(b).
    a) Purchasing an engine certified according to 40 CFR 89 or 40 CFR 94, as applicable, for the same model year and maximum engine power. The engine must be installed and configured according to the manufacturer's specifications.
    b) Keeping records of performance test results for each pollutant for a test conducted on a similar engine. The test must have been conducted using the same methods specified in Subpart IIII and these methods must have been followed correctly.
    c) Keeping records of engine manufacturer data indicating compliance with the standards.
    d) Keeping records of control device vendor data indicating compliance with the standards.
    e) Conducting an initial performance test to demonstrate compliance with the emission standards according to the requirements specified in 40 CFR 60.4212, as applicable.
3. If you do not install, configure, operate, and maintain your engine and control device according to the manufacturer's emission-related written instructions, or you change emission-related settings in a way that is not permitted by the manufacturer, you must keep a maintenance plan and records of conducted maintenance to demonstrate compliance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, you must conduct the following performance testing in accordance with 40 CFR 60.4212 to demonstrate compliance with applicable emission standards. You are required to notify the DNR 30 days prior to the test date and are required to submit a stack test report to the DNR within 60 days after the completion of the testing. See 40 CFR 60.4211(g) for additional information.
4.

Maximum Engine Power	**Initial Test**	**Subsequent Test**
$100 \leq HP \leq 500$	Within 1 year of engine startup, or non-permitted action [(1)]	Not required

[(1)] Non-permitted action means that you do not install, configure, operate, and maintain the engine and control device according to the manufacturer's emission-

related written instructions, or you change the emission-related settings in a way that is not permitted by the manufacturer.

Operating and Recordkeeping Requirements

1. If your emergency engine does not meet the standards applicable to non-emergency engines, you must install a non-resettable hour meter prior to startup of the engine (40 CFR 40.4209(a)) and, starting with the model years in the following table, you must keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter. The owner must record the time of operation of the engine and the reason the engine was in operation during that time. 40 CFR 40.4214(b).

Engine power	**Starting model year**
130 ≤ KW (175 ≤ HP)	2011

2. There is no time limit on the use of the emergency engine in emergency situations. 40 CFR 60.4211(f)(1).
3. The engine may be operated for the purpose of maintenance checks and readiness testing for a maximum of 100 hours/year. See 40 CFR 60.4211(f)(2) for more information.
4. The engine may be operated for up to 50 hours per year for non-emergency purposes. This operating time cannot be used for peak shaving or to generate income for the facility (e.g. supplying power to the grid) and should be included in the total of 100 hours allowed for maintenance checks and readiness testing. See 40 CFR 60.4211(f)(3) for more information.

Authority for Requirement: 40 CFR Part 60 Subpart IIII
567 IAC 23.1(2)"yyy"

Monitoring Requirements

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

Agency Approved Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Facility Maintained Operation & Maintenance Plan Required? **Yes** ☐ **No** ☒

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☐ **No** ☒

Authority for Requirement: 567 IAC 22.108(3)

IV. General Conditions

This permit is issued under the authority of the Iowa Code subsection 455B.133(8) and in accordance with 567 Iowa Administrative Code chapter 22.

G1. Duty to Comply

1. The permittee must comply with all conditions of the Title V permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action; for a permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. *567 IAC 22.108(9)"a"*
2. Any compliance schedule shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it is based. *567 IAC 22.105 (2)"h"(3)*
3. Where an applicable requirement of the Act is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, both provisions shall be enforceable by the administrator and are incorporated into this permit. *567 IAC 22.108 (1)"b"*
4. Unless specified as either "state enforceable only" or "local program enforceable only", all terms and conditions in the permit, including provisions to limit a source's potential to emit, are enforceable by the administrator and citizens under the Act. *567 IAC 22.108 (14)*
5. It shall not be a defense for a permittee, in an enforcement action, that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. *567 IAC 22.108 (9)"b"*
6. For applicable requirements with which the permittee is in compliance, the permittee shall continue to comply with such requirements. For applicable requirements that will become effective during the permit term, the permittee shall meet such requirements on a timely basis. *567 IAC 22.108(15)"c"*

G2. Permit Expiration

1. Except as provided in rule 567—22.104(455B), permit expiration terminates a source's right to operate unless a timely and complete application for renewal has been submitted in accordance with rule 567—22.105(455B). *567 IAC 22.116(2)*
2. To be considered timely, the owner, operator, or designated representative (where applicable) of each source required to obtain a Title V permit shall submit on forms or electronic format specified by the Department to the Air Quality Bureau, Iowa Department of Natural Resources, Air Quality Bureau, 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 22.105(2). *567 IAC 22.105*

G3. Certification Requirement for Title V Related Documents

Any application, report, compliance certification or other document submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. All certifications shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. *567 IAC 22.107 (4)*

G4. Annual Compliance Certification

By March 31 of each year, the permittee shall submit compliance certifications for the previous calendar year. The certifications shall include descriptions of means to monitor the compliance status of all emissions sources including emissions limitations, standards, and work practices in accordance with applicable requirements. The certification for a source shall include the identification of each term or condition of the permit that is the basis of the certification; the compliance status; whether compliance was continuous or intermittent; the method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with all applicable department rules. For sources determined not to be in compliance at the time of compliance certification, a compliance schedule shall be submitted which provides for periodic progress reports, dates for achieving activities, milestones, and an explanation of why any dates were missed and preventive or corrective measures. The compliance certification shall be submitted to the administrator, director, and the appropriate DNR Field office. *567 IAC 22.108 (15)"e"*

G5. Semi-Annual Monitoring Report

By March 31 and September 30 of each year, the permittee shall submit a report of any monitoring required under this permit for the 6 month periods of July 1 to December 31 and January 1 to June 30, respectively. All instances of deviations from permit requirements must be clearly identified in these reports, and the report must be signed by a responsible official, consistent with 567 IAC 22.107(4). The semi-annual monitoring report shall be submitted to the director and the appropriate DNR Field office. *567 IAC 22.108 (5)*

G6. Annual Fee

1. The permittee is required under subrule 567 IAC 22.106 to pay an annual fee based on the total tons of actual emissions of each regulated air pollutant. Beginning July 1, 1996, Title V operating permit fees will be paid on July 1 of each year. The fee shall be based on emissions for the previous calendar year.
2. The fee amount shall be calculated based on the first 4,000 tons of each regulated air pollutant emitted each year. The fee to be charged per ton of pollutant will be available from the department by June 1 of each year. The Responsible Official will be advised of any change in the annual fee per ton of pollutant.
3. The emissions inventory shall be submitted annually by March 31 with forms specified by the department documenting actual emissions for the previous calendar year.
4. The fee shall be submitted annually by July 1 with forms specified by the department.
5. If there are any changes to the emission calculation form, the department shall make revised forms available to the public by January 1. If revised forms are not available by January 1, forms from the previous year may be used and the year of emissions documented changed. The department shall calculate the total statewide Title V emissions for the prior calendar year and make this information available to the public no later than April 30 of each year.
6. Phase I acid rain affected units under section 404 of the Act shall not be required to pay a fee for emissions which occur during the years 1993 through 1999 inclusive.
7. The fee for a portable emissions unit or stationary source which operates both in Iowa and out of state shall be calculated only for emissions from the source while operating in Iowa.
8. Failure to pay the appropriate Title V fee represents cause for revocation of the Title V permit as indicated in 567 IAC 22.115(1)"d".

G7. Inspection of Premises, Records, Equipment, Methods and Discharges
Upon presentation of proper credentials and any other documents as may be required by law, the permittee shall allow the director or the director's authorized representative to:
1. Enter upon the permittee's premises where a Title V source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
3. Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
4. Sample or monitor, at reasonable times, substances or parameters for the purpose of ensuring compliance with the permit or other applicable requirements. *567 IAC 22.108 (15)"b"*

G8. Duty to Provide Information
The permittee shall furnish to the director, within a reasonable time, any information that the director may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee also shall furnish to the director copies of records required to be kept by the permit, or for information claimed to be confidential, the permittee shall furnish such records directly to the administrator of EPA along with a claim of confidentiality. *567 IAC 22.108 (9)"e"*

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)*

G10. Recordkeeping Requirements for Compliance Monitoring
1. In addition to any source specific recordkeeping requirements contained in this permit, the permittee shall maintain the following compliance monitoring records, where applicable:
    a. The date, place and time of sampling or measurements
    b. The date the analyses were performed.
    c. The company or entity that performed the analyses.
    d. The analytical techniques or methods used.
    e. The results of such analyses; and
    f. The operating conditions as existing at the time of sampling or measurement.
    g. The records of quality assurance for continuous compliance monitoring systems (including but not limited to quality control activities, audits and calibration drifts.)
2. The permittee shall retain records of all required compliance monitoring data and support information for a period of at least 5 years from the date of compliance monitoring sample, measurement report or application. Support information includes all calibration and maintenance records and all original strip chart recordings for continuous compliance monitoring, and copies of all reports required by the permit.

3. For any source which in its application identified reasonably anticipated alternative operating scenarios, the permittee shall:

a. Comply with all terms and conditions of this permit specific to each alternative scenario.

b. Maintain a log at the permitted facility of the scenario under which it is operating.

c. Consider the permit shield, if provided in this permit, to extend to all terms and conditions under each operating scenario. *567 IAC 22.108(4), 567 IAC 22.108(12)*

G11. Evidence used in establishing that a violation has or is occurring.

Notwithstanding any other provisions of these rules, any credible evidence may be used for the purpose of establishing whether a person has violated or is in violation of any provisions herein.

1. Information from the use of the following methods is presumptively credible evidence of whether a violation has occurred at a source:

a. A monitoring method approved for the source and incorporated in an operating permit pursuant to 567 Chapter 22;

b. Compliance test methods specified in 567 Chapter 25; or

c. Testing or monitoring methods approved for the source in a construction permit issued pursuant to 567 Chapter 22.

2. The following testing, monitoring or information gathering methods are presumptively credible testing, monitoring, or information gathering methods:

a. Any monitoring or testing methods provided in these rules; or

b. Other testing, monitoring, or information gathering methods that produce information comparable to that produced by any method in subrule 21.5(1) or this subrule. *567 IAC 21.5(1)-567 IAC 21.5(2)*

G12. Prevention of Accidental Release: Risk Management Plan Notification and Compliance Certification

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Act, the permittee shall notify the department of this requirement. The plan shall be filed with all appropriate authorities by the deadline specified by EPA. A certification that this risk management plan is being properly implemented shall be included in the annual compliance certification of this permit. *567 IAC 22.108(6)*

G13. Hazardous Release

The permittee must report any situation involving the actual, imminent, or probable release of a hazardous substance into the atmosphere which, because of the quantity, strength and toxicity of the substance, creates an immediate or potential danger to the public health, safety or to the environment. A verbal report shall be made to the department at (515) 725-8694 and to the local police department or the office of the sheriff of the affected county as soon as possible but not later than six hours after the discovery or onset of the condition. This verbal report must be followed up with a written report as indicated in 567 IAC 131.2(2). *567 IAC Chapter 131-State Only*

G14. Excess Emissions and Excess Emissions Reporting Requirements

1. Excess Emissions. Excess emission during a period of startup, shutdown, or cleaning of control equipment is not a violation of the emission standard if the startup, shutdown or cleaning is accomplished expeditiously and in a manner consistent with good practice for minimizing emissions. Cleaning of control equipment which does not require the shutdown of the process equipment shall be limited to one six-minute period per one-hour period. An incident of excess emission (other than an incident during startup, shutdown or cleaning of control equipment) is a violation. If the owner or operator of a source maintains that the incident of excess emission was

due to a malfunction, the owner or operator must show that the conditions which caused the incident of excess emission were not preventable by reasonable maintenance and control measures. Determination of any subsequent enforcement action will be made following review of this report. If excess emissions are occurring, either the control equipment causing the excess emission shall be repaired in an expeditious manner or the process generating the emissions shall be shutdown within a reasonable period of time. An expeditious manner is the time necessary to determine the cause of the excess emissions and to correct it within a reasonable period of time. A reasonable period of time is eight hours plus the period of time required to shut down the process without damaging the process equipment or control equipment. A variance from this subrule may be available as provided for in Iowa Code section 455B.143. In the case of an electric utility, a reasonable period of time is eight hours plus the period of time until comparable generating capacity is available to meet consumer demand with the affected unit out of service, unless, the director shall, upon investigation, reasonably determine that continued operation constitutes an unjustifiable environmental hazard and issue an order that such operation is not in the public interest and require a process shutdown to commence immediately.

2. Excess Emissions Reporting

a. Initial Reporting of Excess Emissions. An incident of excess emission (other than an incident of excess emission during a period of startup, shutdown, or cleaning) shall be reported to the appropriate field office of the department within eight hours of, or at the start of the first working day following the onset of the incident. The reporting exemption for an incident of excess emission during startup, shutdown or cleaning does not relieve the owner or operator of a source with continuous monitoring equipment of the obligation of submitting reports required in 567-subrule 25.1(6). An initial report of excess emission is not required for a source with operational continuous monitoring equipment (as specified in 567-subrule 25.1(1)) if the incident of excess emission continues for less than 30 minutes and does not exceed the applicable emission standard by more than 10 percent or the applicable visible emission standard by more than 10 percent opacity. The initial report may be made by electronic mail (E-mail), in person, or by telephone and shall include as a minimum the following:

i. The identity of the equipment or source operation from which the excess emission originated and the associated stack or emission point.

ii. The estimated quantity of the excess emission.

iii. The time and expected duration of the excess emission.

iv. The cause of the excess emission.

v. The steps being taken to remedy the excess emission.

vi. The steps being taken to limit the excess emission in the interim period.

b. Written Reporting of Excess Emissions. A written report of an incident of excess emission shall be submitted as a follow-up to all required initial reports to the department within seven days of the onset of the upset condition, and shall include as a minimum the following:

i. The identity of the equipment or source operation point from which the excess emission originated and the associated stack or emission point.

ii. The estimated quantity of the excess emission.

iii. The time and duration of the excess emission.

iv. The cause of the excess emission.

v. The steps that were taken to remedy and to prevent the recurrence of the incident of excess emission.

vi. The steps that were taken to limit the excess emission.

vii. If the owner claims that the excess emission was due to malfunction, documentation to support this claim. *567 IAC 24.1(1)-567 IAC 24.1(4)*

3. Emergency Defense for Excess Emissions. For the purposes of this permit, an "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include non-compliance, to the extent caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation or operator error. An emergency constitutes an affirmative defense to an action brought for non-compliance with technology based limitations if it can be demonstrated through properly signed contemporaneous operating logs or other relevant evidence that:

a. An emergency occurred and that the permittee can identify the cause(s) of the emergency;

b. The facility at the time was being properly operated;

c. During the period of the emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements of the permit; and

d. The permittee submitted notice of the emergency to the director by certified mail within two working days of the time when the emissions limitations were exceeded due to the emergency. This notice fulfills the requirement of paragraph 22.108(5)"b." – See G15. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof. This provision is in addition to any emergency or upset provision contained in any applicable requirement. *567 IAC 22.108(16)*

G15. Permit Deviation Reporting Requirements

A deviation is any failure to meet a term, condition or applicable requirement in the permit. Reporting requirements for deviations that result in a hazardous release or excess emissions have been indicated above (see G13 and G14). Unless more frequent deviation reporting is specified in the permit, any other deviation shall be documented in the semi-annual monitoring report and the annual compliance certification (see G4 and G5). *567 IAC 22.108(5)"b"*

G16. Notification Requirements for Sources That Become Subject to NSPS and NESHAP Regulations

During the term of this permit, the permittee must notify the department of any source that becomes subject to a standard or other requirement under 567-subrule 23.1(2) (standards of performance of new stationary sources) or section 111 of the Act; or 567-subrule 23.1(3) (emissions standards for hazardous air pollutants), 567-subrule 23.1(4) (emission standards for hazardous air pollutants for source categories) or section 112 of the Act. This notification shall be submitted in writing to the department pursuant to the notification requirements in 40 CFR Section 60.7, 40 CFR Section 61.07, and/or 40 CFR Section 63.9. *567 IAC 23.1(2), 567 IAC 23.1(3), 567 IAC 23.1(4)*

G17. Requirements for Making Changes to Emission Sources That Do Not Require Title V Permit Modification

1. Off Permit Changes to a Source. Pursuant to section 502(b)(10) of the CAAA, the permittee may make changes to this installation/facility without revising this permit if:

a. The changes are not major modifications under any provision of any program required by section 110 of the Act, modifications under section 111 of the act, modifications under

section 112 of the act, or major modifications as defined in 567 IAC Chapter 22.
b. The changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions);
c. The changes are not modifications under any provisions of Title I of the Act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or as total emissions);
d. The changes are not subject to any requirement under Title IV of the Act (revisions affecting Title IV permitting are addressed in rules 567—22.140(455B) through 567 - 22.144(455B));.
e. The changes comply with all applicable requirements.
f. For each such change, the permitted source provides to the department and the administrator by certified mail, at least 30 days in advance of the proposed change, a written notification, including the following, which must be attached to the permit by the source, the department and the administrator:
i. A brief description of the change within the permitted facility,
ii. The date on which the change will occur,
iii. Any change in emission as a result of that change,
iv. The pollutants emitted subject to the emissions trade
v. If the emissions trading provisions of the state implementation plan are invoked, then Title V permit requirements with which the source shall comply; a description of how the emissions increases and decreases will comply with the terms and conditions of the Title V permit.
vi. A description of the trading of emissions increases and decreases for the purpose of complying with a federally enforceable emissions cap as specified in and in compliance with the Title V permit; and
vii. Any permit term or condition no longer applicable as a result of the change. *567 IAC 22.110(1)*

2. Such changes do not include changes that would violate applicable requirements or contravene federally enforceable permit terms and conditions that are monitoring (including test methods), record keeping, reporting, or compliance certification requirements. *567 IAC 22.110(2)*

3. Notwithstanding any other part of this rule, the director may, upon review of a notice, require a stationary source to apply for a Title V permit if the change does not meet the requirements of subrule 22.110(1). *567 IAC 22.110(3)*

4. The permit shield provided in subrule 22.108(18) shall not apply to any change made pursuant to this rule. Compliance with the permit requirements that the source will meet using the emissions trade shall be determined according to requirements of the state implementation plan authorizing the emissions trade. *567 IAC 22.110(4)*

5. No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes, for changes that are provided for in this permit. *567 IAC 22.108(11)*

G18. Duty to Modify a Title V Permit

1. Administrative Amendment.
a. An administrative permit amendment is a permit revision that does any of the following:
i. Correct typographical errors
ii. Identify a change in the name, address, or telephone number of any person identified in the permit, or provides a similar minor administrative change at the

source;

iii. Require more frequent monitoring or reporting by the permittee; or

iv. Allow for a change in ownership or operational control of a source where the director determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new permittee has been submitted to the director.

b. The permittee may implement the changes addressed in the request for an administrative amendment immediately upon submittal of the request. The request shall be submitted to the director.

c. Administrative amendments to portions of permits containing provisions pursuant to Title IV of the Act shall be governed by regulations promulgated by the administrator under Title IV of the Act.

2. Minor Title V Permit Modification.

a. Minor Title V permit modification procedures may be used only for those permit modifications that satisfy all of the following:

i. Do not violate any applicable requirement;

ii. Do not involve significant changes to existing monitoring, reporting or recordkeeping requirements in the Title V permit;

iii. Do not require or change a case by case determination of an emission limitation or other standard, or an increment analysis;

iv. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed in order to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include any federally enforceable emissions caps which the source would assume to avoid classification as a modification under any provision under Title I of the Act; and an alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the Act;

v. Are not modifications under any provision of Title I of the Act; and

vi. Are not required to be processed as significant modification under rule 567 - 22.113(455B).

b. An application for minor permit revision shall be on the minor Title V modification application form and shall include at least the following:

i. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;

ii. The permittee's suggested draft permit;

iii. Certification by a responsible official, pursuant to 567 IAC 22.107(4), that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used; and

iv. Completed forms to enable the department to notify the administrator and the affected states as required by 567 IAC 22.107(7).

c. The permittee may make the change proposed in its minor permit modification application immediately after it files the application. After the permittee makes this change and until the director takes any of the actions specified in 567 IAC 22.112(4) "a" to "c", the permittee must comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this time, the permittee need not comply with the existing permit terms and conditions it seeks to modify.

However, if the permittee fails to comply with its proposed permit terms and conditions during this time period, the existing permit terms and conditions it seeks to modify may be enforced against the facility.

3. Significant Title V Permit Modification.

Significant Title V modification procedures shall be used for applications requesting Title V permit modifications that do not qualify as minor Title V modifications or as administrative amendments. These include but are not limited to all significant changes in monitoring permit terms, every relaxation of reporting or recordkeeping permit terms, and any change in the method of measuring compliance with existing requirements. Significant Title V modifications shall meet all requirements of 567 IAC Chapter 22, including those for applications, public participation, review by affected states, and review by the administrator, as those requirements that apply to Title V issuance and renewal.

The permittee shall submit an application for a significant permit modification not later than three months after commencing operation of the changed source unless the existing Title V permit would prohibit such construction or change in operation, in which event the operation of the changed source may not commence until the department revises the permit. *567 IAC 22.111-567 IAC 22.113*

G19. Duty to Obtain Construction Permits

Unless exempted in 567 IAC 22.1(2) or to meet the parameters established in 567 IAC 22.1(1)"c", the permittee shall not construct, install, reconstruct or alter any equipment, control equipment or anaerobic lagoon without first obtaining a construction permit, or conditional permit, or permit pursuant to rule 567 IAC 22.8, or permits required pursuant to rules 567 IAC 22.4, 567 IAC 22.5, 567 IAC 31.3, and 567 IAC 33.3 as required in 567 IAC 22.1(1). A permit shall be obtained prior to the initiation of construction, installation or alteration of any portion of the stationary source or anaerobic lagoon. *567 IAC 22.1(1)*

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 567 IAC 23.2. *567 IAC 23.2 <u>except</u> 23.2(3)"j"; 567 IAC 23.2(3)"j" - State Only*

G22. Acid Rain (Title IV) Emissions Allowances

The permittee shall not exceed any allowances that it holds under Title IV of the Act or the regulations promulgated there under. Annual emissions of sulfur dioxide in excess of the number of allowances to emit sulfur dioxide held by the owners and operators of the unit or the designated representative of the owners and operators is prohibited. Exceedences of applicable emission rates are prohibited. "Held" in this context refers to both those allowances assigned to the owners and operators by USEPA, and those allowances supplementally acquired by the owners and operators. The use of any allowance prior to the year for which it was allocated is prohibited. Contravention of any other provision of the permit is prohibited. *567 IAC 22.108(7)*

G23. Stratospheric Ozone and Climate Protection (Title VI) Requirements

1. The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:

a. All containers in which a class I or class II substance is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into

interstate commerce pursuant to § 82.106.

b. The placement of the required warning statement must comply with the requirements pursuant to § 82.108.

c. The form of the label bearing the required warning statement must comply with the requirements pursuant to § 82.110.

d. No person may modify, remove, or interfere with the required warning statement except as described in § 82.112.

2. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVACs in Subpart B:

a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to § 82.156.

b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to § 82.158.

c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to § 82.161.

d. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with reporting and recordkeeping requirements pursuant to § 82.166. ("MVAC-like appliance" as defined at § 82.152)

e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to § 82.156.

f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to § 82.166.

3. If the permittee manufactures, transforms, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR part 82, Subpart A, Production and Consumption Controls.

4. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners. The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant,

5. The permittee shall be allowed to switch from any ozone-depleting 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 22.108(9)"c"*

2. Additional applicable requirements under the Act become applicable to a major part 70 source with a remaining permit term of 3 or more years. Revisions shall be made as expeditiously as practicable, but not later than 18 months after the promulgation of such standards and regulations.

a. Reopening and revision on this ground is not required if the permit has a remaining term of less than three years;

b. Reopening and revision on this ground is not required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions have been extended pursuant to 40 CFR 70.4(b)(10)(i) or (ii) as amended to May 15, 2001.

c. Reopening and revision on this ground is not required if the additional applicable requirements are implemented in a general permit that is applicable to the source and the source receives approval for coverage under that general permit. *567 IAC 22.108(17)"a", 567 IAC 22.108(17)"b"*

3. A permit shall be reopened and revised under any of the following circumstances:

a. The department receives notice that the administrator has granted a petition for disapproval of a permit pursuant to 40 CFR 70.8(d) as amended to July 21, 1992, provided that the reopening may be stayed pending judicial review of that determination;

b. The department or the administrator determines that the Title V permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the Title V permit;

c. Additional applicable requirements under the Act become applicable to a Title V source, provided that the reopening on this ground is not required if the permit has a remaining term of less than three years, the effective date of the requirement is later than the date on which the permit is due to expire, or the additional applicable requirements are implemented in a general permit that is applicable to the source and the source receives approval for coverage under that general permit. Such a reopening shall be complete not later than 18 months after promulgation of the applicable requirement.

d. Additional requirements, including excess emissions requirements, become applicable to a Title IV affected source under the acid rain program. Upon approval by the administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

e. The department or the administrator determines that the permit must be revised or revoked to ensure compliance by the source with the applicable requirements. *567 IAC 22.114(1)*

4. Proceedings to reopen and reissue a Title V permit shall follow the procedures applicable to initial permit issuance and shall effect only those parts of the permit for which cause to reopen exists. *567 IAC 22.114(2)*

5. A notice of intent shall be provided to the Title V source at least 30 days in advance of the date the permit is to be reopened, except that the director may provide a shorter time period in the case of an emergency. *567 IAC 22.114(3)*

G25. Permit Shield

1. The director may expressly include in a Title V permit a provision stating that compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that:

a. Such applicable requirements are included and are specifically identified in the permit; or

b. The director, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the source, and the permit includes the determination or a concise summary thereof.

2. A Title V permit that does not expressly state that a permit shield exists shall be presumed not to provide such a shield.

3. A permit shield shall not alter or affect the following:

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 22.108 (18)*

G26. Severability

The provisions of this permit are severable and if any provision or application of any provision is found to be invalid by this department or a court of law, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected by such finding. *567 IAC 22.108 (8)*

G27. Property Rights

The permit does not convey any property rights of any sort, or any exclusive privilege. *567 IAC 22.108 (9)"d"*

G28. Transferability

This permit is not transferable from one source to another. If title to the facility or any part of it is transferred, an administrative amendment to the permit must be sought consistent with the requirements of 567 IAC 22.111(1). *567 IAC 22.111 (1)"d"*

G29. Disclaimer

No review has been undertaken on the engineering aspects of the equipment or control equipment other than the potential of that equipment for reducing air contaminant emissions. *567 IAC 22.3(3)"c"*

G30. Notification and Reporting Requirements for Stack Tests or Monitor Certification

The permittee shall notify the department's stack test contact in writing not less than 30 days before a required test or performance evaluation of a continuous emission monitor is performed to determine compliance with applicable requirements of 567 – Chapter 23 or a permit condition. Such notice shall include the time, the place, the name of the person who will conduct the test and other information as required by the department. If the owner or operator does not provide timely notice to the department, the department shall not consider the test results or performance evaluation results to be a valid demonstration of compliance with applicable rules or permit conditions. Upon written request, the department may allow a notification period of less than 30 days. At the department’s request, a pretest meeting shall be held not later than 15 days prior to conducting the compliance demonstration. A testing protocol shall be submitted to the department no later than 15 days before the owner or operator conducts the compliance demonstration. A representative of the department shall be permitted to witness the tests. Results of the tests shall be submitted in writing to the department's stack test contact in the form of a comprehensive report within six weeks of the completion of the testing. Compliance tests conducted pursuant to this permit shall be conducted with the source operating in a normal manner at its maximum continuous output as rated by the equipment manufacturer, or the rate specified by the owner as the maximum production rate at which the source shall be operated. In cases where compliance is to be demonstrated at less than the maximum continuous output as rated by the equipment manufacturer, and it is the owner's intent to limit the capacity to that rating, the owner may submit evidence to the department that the source has been physically altered so that capacity cannot be exceeded, or the department may require additional testing,

continuous monitoring, reports of operating levels, or any other information deemed necessary by the department to determine whether such source is in compliance.
Stack test notifications, reports and correspondence shall be sent to:

Stack Test Review Coordinator
Iowa DNR, Air Quality Bureau
Wallace State Office Building
502 E 9th St.
Des Moines, IA 50319-0034
(515) 725-9545

Within Polk and Linn Counties, stack test notifications, reports and correspondence shall also be directed to the supervisor of the respective county air pollution program.
567 IAC 25.1(7)"a", 567 IAC 25.1(9)

G31. Prevention of Air Pollution Emergency Episodes

The permittee shall comply with the provisions of 567 IAC Chapter 26 in the prevention of excessive build-up of air contaminants during air pollution episodes, thereby preventing the occurrence of an emergency due to the effects of these contaminants on the health of persons.
567 IAC 26.1(1)

G32. Contacts List

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

Iowa Compliance Officer
Air Branch
Enforcement and Compliance Assurance Division
U.S. EPA Region 7
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 DNR Field Offices or local programs shall be directed to the supervisor at the appropriate field office or local program. Current addresses and phone numbers are:

Field Office 1
1101 Commercial Court, Suite 10
Manchester, IA 52057
(563) 927-2640

Field Office 2
2300-15th St., SW
Mason City, IA 50401
(641) 424-4073

Field Office 3
1900 N. Grand Ave.
Spencer, IA 51301
(712) 262-4177

Field Office 4
1401 Sunnyside Lane
Atlantic, IA 50022
(712) 243-1934

Field Office 5
Wallace State Office Building
502 E 9th St.
Des Moines, IA 50319-0034
(515) 725-0268

Field Office 6
1023 West Madison Street
Washington, IA 52353-1623
(319) 653-2135

Polk County Public Works Dept.
Air Quality Division
5885 NE 14th St.
Des Moines, IA 50313
(515) 286-3351

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

V. Appendix: Compliance Assurance Monitoring (CAM) Plans

Compliance Assurance Monitoring Plan

CAM Plan for EP-4001, 4002, 4003, and 4005 Baghouses

I. Background

A. Emissions Unit

Facility: Henniges Automotive Iowa Inc.
3200 Main Street
Keokuk, Iowa 52632

Emission Point ID	Emission Unit ID	Emission Unit Description	IDNR Construction Permit	Control Equipment
4001	4001	Carbon Black Mixer #1	00-A-810-S1	CE-4001 Baghouse - Fabric Filter
4002	4002	Carbon Black Mixer #2	00-A-811-S3	CE-4002 Baghouse - Fabric Filter
4003	4003	Carbon Black Silo #1	00-A-808	CE-4003 Baghouse - Fabric Filter
4005	4005	Talc Silo #3	01-A-825-S1	CE-4005 Baghouse - Fabric Filter

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Emission Point ID	Emission Unit ID	Opacity 567 IAC 23.3(2)"d	PM-10 (lb/hr)	PM (lb/hr)	PM (gr/dscf) 567 IAC 23.3(2)"a"	IDNR Construction Permit
4001	4001	40%	0.58	0.58	0.1	00-A-810-S1
4002	4002	40%	0.58	0.58	0.1	00-A-811-S3
4003	4003	40%	0.08		0.1	00-A-808
4005	4005	40%	0.08	0.08	0.1	01-A-825-S1

Current Monitoring requirements:

1. weekly opacity (no visible emissions) readings
2. monthly production rates
3. daily pressure drop across baghouse

C. Control Technology

Reverse Pulse Jet Baghouse operated under negative pressure

II. Monitoring Approach

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

Table A – Monitoring Approach

	Indicator #1	Indicator #2
I. Indicator	Differential pressure across baghouse	Visible Emissions
Measurement Approach	Differential pressure measured across the baghouse by a magnetic pressure gauge.	Visible emissions from baghouse exhaust while EU 4001, 4002, 4003, and 4005 are operating.
II. Indicator Range	An excursion is defined as a differential pressure reading across the baghouse module outside the acceptable range. The acceptable range is 1 to 7 inches water. Excursions trigger an inspection, corrective action and a recordkeeping requirement. The inspection that is triggered is a 6 minute visible emissions observation (similar to Method 22).	An excursion is defined as any visible emission occurring. Excursions trigger an inspection, corrective action, and a recordkeeping requirement. The inspection that is triggered is a 6 minute visible emissions observation (similar to Method 22).
III. Performance Criteria		
A. Data Representativeness	The differential pressure is measured across the baghouse.	Visible emissions observations are made at the emission point and on the external baghouse unit, system ductwork and associated components.
B. Verification of Operational Status	The pressure gauge will be calibrated, operated, and maintained according to the manufacturer's specifications.	Not applicable.
C. QA/QC Practices and Criteria	Pressure gauges will be calibrated, operated, and maintained according to the manufacturer's specifications.	The observer will be trained by Henniges Automotive Iowa Inc. to detect visible emissions.
D. Monitoring Frequency	The differential pressure will be inspected a minimum of once per day when the baghouse is operating.	No visible emissions (NVE) observations are made at the emission point on a weekly basis.

E. Data Collection Procedures	Results of baghouse differential pressure checks will be recorded on the Magnahelic Pollution Control Log. These forms will be kept a minimum of 5 years.	Results of "no visible emissions" observations are recorded on the visible emissions log and the Magnahelic Pollution Control Log. These forms will be kept a minimum of 5 years.

VI. Appendix: NSPS & NESHAP Applicability

1. 40 CFR 63 Subpart ZZZZ – National Emission Standard for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

   https://www.ecfr.gov/cgi-bin/text-idx?SID=69ab1cc2abac872f4798a7d75621792e&mc=true&node=sp40.15.63.zzzz&rgn=div6

2. 40 CFR 60 Subpart Subpart IIII—Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

   https://www.ecfr.gov/cgi-bin/text-idx?SID=0a4b47f82194fc5830858141a454d5d6&mc=true&node=sp40.8.60.iiii&rgn=div6