Iowa Department of Natural Resources
Title V Operating Permit

Name of Permitted Facility: Eagle Window & Door, Inc.
Facility Location: 2045 Kerper Blvd, Dubuque, IA 52001
Air Quality Operating Permit Number: 03-TV-015R4
Expiration Date: 1/17/2029

Permit Renewal Application Deadline: 7/17/2028

EIQ Number: 92-1510
Facility File Number: 31-01-061

Responsible Official
Name: Jason Moeller
Title: Plant Manager
Mailing Address: 2045 Kerper Blvd, Dubuque, IA 52001
Phone #: (800) 324-5354

Permit Contact Person for the Facility
Name: Deb Small
Title: Environmental Engineer
Mailing Address: 2045 Kerper Blvd, Dubuque, IA 52001
Phone #: (651) 264-4710

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 01/18/2024

Marnie Stein, Supervisor of Air Operating Permits Section Date

Table of Contents

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: Eagle Window & Door
Permit Number: 03-TV-015R4
Facility Description: Millwork (SIC 2431)

Equipment List

Emission Point Number	Emission Unit Number	Emission Unit Description	Construction Permit Number
EP-25	EU-25	APL Primer Booth #1 (1111 Purina)	98-A-446-S9
EP-26	EU-26	APL Electrostatic Booth 1 (1111 Purina)	98-A-447-S9
EP-27	EU-27	APL Electrostatic Booth 2 (1111 Purina)	98-A-448-S9
EP-28	EU-28	APL Manual Touch-up Booth 1 (1111 Purina)	98-A-449-S8
EP-29	EU-29	APL Cure Oven (1111 Purina)	98-A-450-S6
EP-30	EU-30	APL Washer Entrance Exhaust (1111 Purina)	03-A-782-S5
EP-31	EU-31	APL Washer Exit Exhaust (1111 Purina)	03-A-783-S5
EP-34	EU-34	APL Washer Dry-off Oven (1111 Purina)	03-A-535-S5
EP-36	EU-36	APL Manual Touch-up Booth 2 (1111 Purina)	98-A-459-S8
EP-37	EU-37	APL Primer Booth #2 (1111 Purina)	99-A-516-S8
EP-143	EU-143	Mini Paint Line Cure Oven (APL) - (2045 Kerper)	02-A-523-S5
EP-144	EU-144	Mini Paint Line Booth #1 (APL) - (2045 Kerper)	02-A-883-S5
EP-145	EU-145	Mini Paint Line Booth #2 (APL) - (2045 Kerper)	02-A-884-S5
EP-35	EU-35	APL Flammable Storage Unit (1111 Purina)	98-A-451-S1
EP-116	EU-116	Wood Dip Room Exhaust (2045 Kerper)	01-A-155-S7
EP-117	EU-117	WPL Dip Drying Room Exhaust (2045 Kerper)	01-A-156-S8
EP-118	EU-118	WPL Rhode Booth (2045 Kerper)	01-A-157-S6
EP-146	EU-146	Wood Treating Tank (2045 Kerper	05-A-168-S1
EP-147	EU-147	Wood Treating Oven (2045 Kerper)	05-A-169-S1
EP-148	EU-148	WPL Rhodes Paint Booth #2 (2045 Kerper)	05-A-916-S2
EP-152	EU-152	Deimco Spray Paint Booth (2045 Kerper)	14-A-522
EP-169	EU-169	Glazing Process (2045 Kerper)	23-A-017
EP-112	EU-112	Woodworking Equipment, North, Machining (2045 Kerper)	01-A-153-S7
EP-123	EU-123	Woodworking Equipment, South, Hinge Door and Window (2045 Kerper)	01-A-799-S6
EP-153	EU-153	Emergency Generator (55HP)	NA
EP-163	EU-163	Automated Line 1 – Booth 1 (1115 Purina)	22-A-302
EP-164	EU-164	Automated Line 1 – Booth 2 (1115 Purina)	22-A-303
EP-165	EU-165	Automated Line 2 – Booth 1 (1115 Purina)	22-A-304
EP-166	EU-166	Manual Booth (1115 Purina)	22-A-305
EP-167	EU-167	Denibber 1 (1115 Purina)	22-A-306
EP-168	EU-168	Denibber 2 (1115 Purina)	22-A-307
EP-170	EU-170	Woodworking Equipment, Glass Stop, and Ex Jamb (1115 Purina)	23-A-161

Insignificant Activities Equipment List

Insignificant Emission Unit Number	Insignificant Emission Unit Description
32	APL Washer -Stage 1 Heater (2 MMBtu/hr)
33	APL Washer -Stage 3 Heater (2 MMBtu/hr)
124	Dip Room Heater (1 MMBtu/hr)
125	Dip Dry Room Heater (0.7 MMBtu/hr)
126	Air Makeup Unit (1.5 MMBtu/hr)
127	Air Makeup Unit (5.8 MMBtu/hr)
128	Air Makeup Unit (1.6 MMBtu/hr)
129	Air Makeup Unit (1.6 MMBtu/hr)
130	Air Makeup Unit (1.6 MMBtu/hr)
131	Air Makeup Unit (1.6 MMBtu/hr)
132	Air Makeup Unit (1.6 MMBtu/hr)
133	Air Makeup Unit (1.6 MMBtu/hr)
134	Air Makeup Unit (1.6 MMBtu/hr)
135	Air Makeup Unit (1.6 MMBtu/hr)
136	Air Makeup Unit (1.6 MMBtu/hr)
137	Air Makeup Unit (1.6 MMBtu/hr)
138	Air Makeup Unit (1.6 MMBtu/hr)
139	Air Makeup Unit (1.6 MMBtu/hr)
140	Air Makeup Unit (1.6 MMBtu/hr)
154	Air Makeup Unit (1.6 MMBtu/hr)
155	Air Makeup Unit (0.83 MMBtu/hr)
156	Air Makeup Unit (0.83 MMBtu/hr)
157	Air Makeup Unit (1.2 MMBtu/hr)
158	Air Makeup Unit (0.4 MMBtu/hr)
159	Air Makeup Unit (0.15 MMBtu/hr)
160	Air Makeup Unit (0.15 MMBtu/hr)
161	Air Makeup Unit (1.3 MMBtu/hr)
162	Air Makeup Unit (0.91 MMBtu/hr)
171	Wood Dabo Machine (1111 Purina – asset # 40069895)
172	Aluminum Dabo Machine (1111 Purina – asset # 40069896)

II. Plant-Wide Conditions

Facility Name: Eagle Window & Door
Permit Number: 03-TV-015R4

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 from permit issuance
Commencing on: 1/18/2024
Ending on: 1/17/2029

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"

---

40 CFR 63 Subpart A Requirements

This facility is an affected source and these General Provisions apply to the facility. The affected units are EU-25, EU-26, EU-27, EU-28, EU-29, EU-30, EU-31, EU-34, EU-35, EU-36, EU-37, EU-116, EU-117, EU-118, EU-143, EU-144, EU-145, EU-146, EU-147, EU-148, EU-152, EU-153, EU-163, EU-164, EU-165, EU-166, and EU-169.
See Appendix A for the link to the rule.
Authority for Requirement: 40 CFR 63 Subpart A
567 IAC 23.1(4)"a"

40 CFR 63 Subpart MMMM Requirements

This facility is subject to National Emission Standards for Hazardous Air Pollutants for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products. The affected units are EU-25, EU-26, EU-27, EU-28, EU-29, EU-30, EU-31, EU-34, EU-35, EU-36, EU-37, EU-143, EU-144, EU-145, and EU-169.
See Appendix A for the link to the rule.
Authority for Requirement: 40 CFR 63 Subpart MMMM
567 IAC 23.1(4)"cm"

40 CFR 63 Subpart QQQQ Requirements

This facility is subject to National Emission Standards for Hazardous Air Pollutants Surface Coating of Wood Building Products. The affected units are EU-116, EU-117, EU-118, EU-146, EU-147, EU-148, EU-152, EU-163, EU-164, EU-165, and EU-166.

See Appendix A for the link to the rule.

Authority for Requirement: 40 CFR 63 Subpart QQQQ
567 IAC 23.1(4) "cq"

40 CFR 63 Subpart ZZZZ Requirements

This facility is subject to National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. The affected unit is EU-153.

See Appendix A for the link to the rule.

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

III. Emission Point-Specific Conditions

Facility Name: Eagle Window & Door
Permit Number: 03-TV-015R4

Emission Point ID Numbers: EP-25, EP-26, EP-27, EP-28, EP-29, EP-30, EP-31, EP-34, EP-36, EP-37, EP-143, EP-144, and EP-145

Associated Equipment

Emission Point Number	Emission Unit Number	Emission Unit Description	Control Equipment	Raw Material	Rated Capacity	DNR Construction Permit Number
EP-25	EU-25	APL Primer Booth #1 (1111 Purina)	CE-25: Dry Filters	Paint	4.69 ga/hr	98-A-446-S9
EP-26	EU-26	APL Electrostatic Booth 1 (1111 Purina)	CE-26: Dry Filters	Paint	7.92 gal/hr	98-A-447-S9
EP-27	EU-27	APL Electrostatic Booth 2 (1111 Purina)	CE-27: Dry Filters	Paint	7.92 gal/hr	98-A-448-S9
EP-28	EU-28	APL Manual Touch-up Booth 1 (1111 Purina)	CE-28: Dry Filters	Paint	4.69 gal/hr	98-A-449-S8
EP-29	EU-29	APL Cure Oven (1111 Purina)	NA	Natural Gas	4.5 MMBtu/hr	98-A-450-S6
EP-30	EU-30	APL Washer Entrance Exhaust (1111 Purina)	NA	Aqueous Cleaners	468 gal/min	03-A-782-S5
EP-31	EU-31	APL Washer Exit Exhaust (1111 Purina)	NA	Aqueous Cleaners	468 gal/min	03-A-783-S5
EP-34	EU-34	APL Washer Dry-off Oven (1111 Purina)	NA	Natural Gas	2.5 MMBtu/hr	03-A-535-S5
EP-36	EU-36	APL Manual Touch-up Booth 2 (1111 Purina)	CE-36: Dry Filters	Paint	4.69 gal/hr	98-A-459-S8
EP-37	EU-37	APL Primer Booth #2 (1111 Purina)	CE-37: Dry Filters	Paint	4.69 gal/hr	99-A-516-S8
EP-143	EU-143	Mini Paint Line Cure Oven (APL) (2045 Kerper)	NA	Natural Gas	1.5 MMBtu/hr	02-A-523-S5
EP-144	EU-144	Mini Paint Line Booth #1 (APL) (2045 Kerper)	CE-144: Dry Filters	Paint	5.63 gal/hr	02-A-883-S5
EP-145	EU-145	Mini Paint Line Booth #2 (APL) (2045 Kerper)	CE-145: Dry Filters	Paint	5.63 gal/hr	02-A-884-S5

Applicable Requirements

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

Pollutant: Opacity
Emission Limit(s): 40%[(1)]
Authority for Requirement: DNR Construction Permit See Table Above
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 DNR may require additional proof to demonstrate compliance (e.g., stack testing).

Pollutant: Organic HAP (general use coating)
Emission Limit(s): 2.6 lb organic HAP/gallon of solid[(2)]
Authority for Requirement: DNR Construction Permit See Table Above
567 IAC 23.1(4)"cm"
40 CFR 63 Subpart MMMM

[(2)]For each existing general use coating affected source, limit organic HAP emissions to no more than 0.31 kg (2.6 lb) organic HAP per liter (gal) coating solids used during each 12-month compliance period.

Pollutant: Organic HAP (high performance coating)
Emission Limit(s): 27.5 lb organic HAP/gallon of solid[(3)]
Authority for Requirement: DNR Construction Permit See Table Above
567 IAC 23.1(4)"cm"
40 CFR 63 Subpart MMMM

[(3)]For each existing high-performance coating affected source, limit organic HAP emissions to no more than 3.3 kg (27.5 lb) organic HAP per liter (gal) coating solids used during each 12-month compliance period.

EP-25, EP-26, EP-27, EP-28, EP-36, & EP-37 Only
Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.01 gr/dscf
Authority for Requirement: DNR Construction Permit See Table Above
567 IAC 23.4(13)

EP-29, EP-34, & EP-143 Only
Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.1 gr/dscf
Authority for Requirement: DNR Construction Permit See Table Above
567 IAC 23.3(2)"a"

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 500 ppmv
Authority for Requirement: DNR Construction Permit See Table Above
567 IAC 23.3(3)"e"

EP-30 & EP-31 Only
Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.1 gr/dscf
Authority for Requirement: DNR Construction Permit See Table Above
567 IAC 23.3(2)"a"

EP-144 & EP-145 Only
Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.01 gr/dscf
Authority for Requirement: DNR Construction Permit See Table Above
567 IAC 23.4(13)

Pollutant: PM_{10}
Emission Limit(s): 1.29 lb/hr
Authority for Requirement: DNR Construction Permit See Table Above

Combined Emission Limits
Pollutant: VOC
Emission Limit(s): 244.4 tons/yr[(4)]
Authority for Requirement: DNR Construction Permit See Table Above
[(4)] This emission limit applies to the following emission units: APL Primer Booth #1 (1111 Purina) (EU-25), APL Electrostatic Booth 1 (1111 Purina) (EU-26), APL Electrostatic Booth 2 (1111 Purina) (EU-27), APL Manual Touch-up Booth 1 (1111 Purina) (EU-28). APL Cure Oven (1111 Purina) (EU-29), APL Washer Entrance Exhaust (1111 Purina) (EU-30), APL Washer Exit Exhaust (1111 Purina) (EU-31), APL Washer Dry-Off Oven (1111 Purina) (EU-34), APL Manual Touchup Booth #2 (1111 Purina) (EU-36), APL Primer Booth #2 (1111 Purina) (EU-37), WPL Dip Room (8.0 gal/hr) – (2045 Kerper) (EU-116), WPL Dip Drying Room (2045 Kerper) (EU-117), WPL Stain Booth (Rhodes) – (2045 Kerper) (EU-118), Mini Paint Line Cure Oven (APL) – (2045 Kerper) (EU-143), Mini Paint Line Booth #1 (APL) – (2045 Kerper) (EU-144), and Mini Paint Line Booth #2 (APL) – (2045 Kerper) (EU-145). This limit does not apply to any other unit at this facility and cannot be relieved without PSD review. It does not include VOC emissions from the combustion of natural gas in the cure ovens or dry-off ovens.

Operational Limits & Reporting/Record keeping Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below. Records shall be kept on site for at least five years and shall be available for inspection by the Department.

VOC EMISSIONS LIMIT REQUIREMENTS FOR "AFFECTED UNITS"

A. The facility shall maintain a log of all materials used in the following units: APL Primer Booth #1 (1111 Purina) (EU-25), APL Electrostatic Booth 1 (1111 Purina) (EU-26), APL Electrostatic Booth 2 (1111 Purina) (EU-27), APL Manual Touch-up Booth 1 (1111 Purina) (EU-28). APL Cure Oven (1111 Purina) (EU-29), APL Washer Entrance Exhaust (1111 Purina) (EU-30), APL Washer Exit Exhaust (1111 Purina) (EU-31), APL Washer Dry-Off Oven (1111 Purina) (EU-34), APL Manual Touchup Booth #2 (1111 Purina) (EU-36), APL Primer Booth #2 (1111 Purina) (EU-37), WPL Dip Room (8.0 gal/hr) – (2045 Kerper) (EU-116), WPL Dip Drying Room (2045 Kerper) (EU-117), WPL Stain Booth (Rhodes) – (2045 Kerper) (EU-118), Mini Paint Line Cure Oven (APL) – (2045 Kerper) (EU-143), Mini Paint Line Booth #1 (APL) – (2045 Kerper) (EU-144), and Mini Paint Line Booth #2 (APL) – (2045 Kerper) (EU-145). Note: These emission units will hereafter be referred to as the

"affected units". The log shall contain the respective VOC content, in applicable units, of each material.

(1) The identification and amount (gallons) of each surface coating material (paint, primer, solvent, thinner, etc.) used in the surface coating operations for this facility. For the purpose of calculating emissions for the surface coating sources at this facility, all materials may be considered emitted on the day they are delivered to the plant or are removed from storage (i.e., the facility may take credit for solvent recycled and reused at the facility).

B. The permittee (or owner or operator) shall maintain the following daily records:

(1) The identification of each VOC-containing material used in the "affected units".

(2) The amount, in gallons, of each VOC-containing material used in the "affected units". For the purpose of calculating emissions from the "affected units", all materials may be considered emitted on the day they are delivered to the plant or are removed from storage. In addition, the facility may take credit for solvent recycled and reused at the facility.

C. The permittee (or owner or operator) shall maintain the following monthly records:

(1) The identification of each VOC-containing material used in the "affected units".

(2) The amount, in gallons, of each VOC-containing material used in the "affected units". For the purpose of calculating emissions from the "affected units", all materials may be considered emitted on the day they are delivered to the plant or are removed from storage. In addition, the facility may take credit for solvent recycled and reused at the facility.

(3) The emission rate (tons) of total VOCs from the "affected units" at the facility.

(4) The 12-month rolling total of all VOCs emitted from the "affected units" at the facility, in tons.

D. If the 12-month rolling total of the VOC emissions from the "affected units" exceeds 195.5 tons, the permittee shall immediately begin keeping the following daily records:

(1) The total VOC emissions (tons) from the "affected units" at this facility; and,

(2) The 365-day rolling total amount of VOC emissions from the "affected units" at this facility; and,

(3) If the cumulative total exceeds the VOC 12-month rolling limit in Condition 1 at any time during the first 12 months of operation, the exceedance will be considered a violation of the rolling 12-month limit.

Daily calculations for VOC emissions shall continue until the 365-day rolling total of the amount of VOC emissions from the "affected units" drops below 195.5 tons for the remainder of the current calendar month plus one additional calendar month. At that time, rolling daily calculation of VOC emissions will cease per Condition D listed above. If the emissions once again exceed 195.5 tons, daily recordkeeping will be required per Condition D listed above.

E. The owner or operator may take credit for any waste VOC shipped off-site. The owner or operator shall record the amount of waste shipped off-site, and also analyze the VOC content of the waste once every calendar year quarter. The sample analyzed shall be taken as a representative sample (as defined in 40 CFR §260.10) of the waste sent off-site for that quarter and shall be taken as representative until the subsequent quarter's analysis is received. The credit (calculated from the most current analysis and the amount shipped off-site) may be subtracted from the VOC rolling totals as of the date the waste is shipped off-site.

NESHAP REQUIREMENTS (SUBPART MMMM)

F. The owner or operator shall limit organic HAP emission to the atmosphere as per the emission requirements of 40 CFR §63.3890.

G. The owner or operator shall demonstrate compliance with the NESHAP Subpart MMMM emission limits of 40 CFR §63.3890 by following the compliance options detailed in 40 CFR §63.3891.
   (1) The owner or operator shall record the compliance option it is using from 40 CFR §63.3891; and,
   (2) Should the compliance option change, the owner or operator shall update the record and the date of the compliance option change.

H. The owner or operator shall demonstrate compliance with the NESHAP Subpart MMMM requirements by following the procedures detailed in 40 CFR §63.3940, 40 CFR §63.3941, & 40 CFR §63.3942, or 40 CFR §63.3950, 40 CFR §63.3951, & 40 CFR §63.3952.

I. The owner or operator shall meet all the applicable notification requirements of 40 CFR §63.3910.

J. The owner or operator shall meet all the applicable reporting requirements of 40 CFR §63.3920.

K. The owner or operator shall meet all the applicable recordkeeping requirements of 40 CFR §63.3930 and 40 CFR §63.3931.

L. The owner or operator shall meet all the general requirements for complying with NESHAP Subpart MMMM of 40 CFR §63.3900.

PSD MINOR RECORDKEEPING REQUIREMENTS

M. Per 567 IAC 33.3(18)"f"(1), prior to beginning actual construction of the project (Project Number 22-167) the owner or operator shall document and maintain a record of the following:
   (1) A description of the project (Project Number 22-167);
   (2) Identification of the emission unit(s) whose emissions of a regulated NSR pollutant could be affected by the project (Project Number 22-167); and,
   (3) A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including the baseline actual emissions (BAE), the projected actual emissions (PAE), the amount of emissions excluded under paragraph "3" of the definition of *"projected actual emissions"* in subrule 33.3(1), an explanation describing why such amount was excluded, and any netting analysis if applicable.

N. Per 567 IAC 33.3(18)"f"(4), the owner or operator shall:
   (1) Monitor the emissions of any regulated NSR pollutant that could increase as a result of

the project (Project Number 22-167) and that is emitted by any emissions unit identified in Condition M.(2), above.

(2) Calculate the annual emissions, in tons per year on a calendar-year basis, for a period of five (5) years following resumption of regular operations and maintain a record of regular operations after the change. **[NOTE: ten (10) years if there is an increase in design capacity or potential to emit of that regulated NSR pollutant at such emissions unit]**

O. Per 567 IAC 33.3(18)"f"(5), the owner or operator shall retain a written record containing the information required in Condition N, above. of this permit for a period of ten (10) years after the project (Project Number 22-167) is completed.

P. Per 567 IAC 33.3(18)"g", the owner or operator shall make the information required to be documented and maintained pursuant to 567 IAC 33.3(18)"f" available for review upon request for inspection by the Department or the general public pursuant to the requirements for Title V operating permits contained in 567 IAC 22.107(6).

GENERAL REQUIREMENTS

Q. The owner or operator shall retain Safety Data Sheets (SDS) for all reagents, surface coating materials, solvents and other HAP and / or VOC-containing materials used at the facility (Plant Number 31-01-061).

R. The facility shall maintain a log of all maintenance and inspection activities performed on the control equipment. This log shall include, but is not limited to:

(1) The date and time any inspection and/or maintenance was performed on the emission unit and/or control equipment;

(2) Any issue(s) identified during the inspection and the date each issue(s) was resolved; and,

(3) Any issue(s) addressed during the maintenance activities and the date each issue(s) was resolved.

Authority for Requirement: DNR Construction Permit See Table Above
567 IAC 23.1(4)"cm"
40 CFR 63 Subpart MMMM

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

EP ID	Stack Height, Feet	Discharge Style	Stack Opening, inches	Stack Temperature, °F	Exhaust Flowrate, SCFM
25	36	Vertical Unobstructed	34	Building Ambient	11,915
26	36	Vertical Unobstructed	34	Building Ambient	8,000
27	36	Vertical Unobstructed	34	Building Ambient	8,000
28	36	Vertical Obstructed	34	Building Ambient	11,915
29	36	Vertical Obstructed	18	500	3,250
30	41	Vertical Unobstructed	16	125	1,800
31	41	Vertical Unobstructed	16	125	1,800
34	38	Vertical Unobstructed	8	355	875
36	36	Vertical Unobstructed	34	Building Ambient	11,915
37	36	Vertical Obstructed	34	Building Ambient	9,460
143	36.6	Vertical Obstructed	18	300	1,000
144	39.1	Vertical Unobstructed	42	Ambient	25,000
145	39.1	Vertical Unobstructed	42	Ambient	25,000

Authority for Requirement: DNR Construction Permit See Table Above

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

Monitoring Requirements

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

Agency Approved Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐
(Required for CE-25, CE-26, CE-27, CE-28, CE-36, CE-37, CE-144, & CE-145)

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

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

Weekly

- Inspect the paint 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 manufacturers' recommendations.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: EP-35

Associated Equipment

Emission Unit	Emission Unit Description	Raw Material	Rated Capacity	Construction Permit
EU-35	APL – Flammable Storage Unit (1111 Purina)	Air	350 ft^3/min	98-A-451-S1

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 98-A-451-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 (PM)
Emission Limit(s): 0.1 gr/dscf
Authority for Requirement: DNR Construction Permit 98-A-451-S1
567 IAC 23.3(2)"a"

Pollutant: Organic HAP (general use coating)
Emission Limit(s): 2.6 lb organic HAP/gallon of solid[(2)]
Authority for Requirement: DNR Construction Permit 98-A-451-S1
567 IAC 23.1(4)"cm"
40 CFR 63 Subpart MMMM

[(2)]For each existing general use coating affected source, limit organic HAP emissions to no more than 0.31 kg (2.6 lb) organic HAP per liter (gal) coating solids used during each 12-month compliance period.

Pollutant: Organic HAP (high performance coating)
Emission Limit(s): 27.5 lb organic HAP/gallon of solid[(3)]
Authority for Requirement: DNR Construction Permit 98-A-451-S1
567 IAC 23.1(4)"cm"
40 CFR 63 Subpart MMMM

[(3)]For each existing high-performance coating affected source, limit organic HAP emissions to no more than 3.3 kg (27.5 lb) organic HAP per liter (gal) coating solids used during each 12-month compliance period.

Operational Limits & Reporting/Record keeping Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below. Records shall be kept on site for at least five years and shall be available for inspection by the Department.

A. The owner or operator shall meet the applicable organic HAP emission limits specified in 40 CFR §63.3890.
B. The owner or operator shall demonstrate compliance with the NESHAP Subpart MMMM emission limits of 40 CFR §63.3890 by following the compliance options detailed in 40 CFR §63.3891.
    a. The owner or operator shall record the compliance option it is using from 40 CFR §63.3891; and,
    b. Should the compliance option change, the owner or operator shall update the record and the date of the compliance option change.
C. The owner or operator shall demonstrate compliance with the compliance option selected in 40 CFR §63.3891 by following the procedures detailed in 40 CFR §63.3940, 40 CFR §63.3941, and 40 CFR §63.3942 if compliance option 40 CFR §63.3891(a) is selected or 40 CFR §63.3950, 40 CFR §63.3951, and 40 CFR §63.3952 if compliance option 40 CFR §63.3891(b) is selected.
D. The owner or operator shall meet all the applicable notification requirements of 40 CFR §63.3910.
E. The owner or operator shall meet all the applicable reporting requirements of 40 CFR §63.3920.
F. The owner or operator shall meet all the applicable recordkeeping requirements of 40 CFR §63.3930 and 40 CFR §63.3931.
G. The owner or operator shall meet all the general requirements for complying with NESHAP Subpart MMMM of 40 CFR §63.3900.

Authority for Requirement: DNR Construction Permit 98-A-451-S1
567 IAC 23.1(4)"cm"
40 CFR 63 Subpart MMMM

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

Stack Height, (ft., from the ground): 4
Stack Opening, (inches): 12 x 12
Exhaust Flow Rate (scfm): 350
Exhaust Temperature (°F): 70
Discharge Style: Horizontal
Authority for Requirement: DNR Construction Permit 98-A-451-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 thirty (30) days of the discovery to determine if a permit amendment is required, or submit a permit application requesting to amend the permit.

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

Agency Approved 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-116

Associated Equipment

Emission Unit Number	Emission Unit Description	Raw Material	Rated Capacity (gal/hr)	DNR Construction Permit Number
EU-116	Wood Dip Room – 2045 Kerper	Wood Preserver Solvent	8.0	01-A-155-S7

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 01-A-155-S7
567 IAC 23.3(2)"d"

(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 continues 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 01-A-155-S7
567 IAC 23.4(13)

Pollutant: PM_{10}
Emission Limit(s): 0.01 lb/hr
Authority for Requirement: DNR Construction Permit 01-A-155-S7

Pollutant: VOC
Emission Limit(s): 244.4 tons/yr(2)
Authority for Requirement: DNR Construction Permit 01-A-155-S7

(2)Established in Project Number 04-142 to limit potential emissions below the applicable Prevention of Significant Deterioration (PSD) major source threshold. The emission limit applies to the following emission units: APL Primer Booth #1 (1111 Purina) (EU 25), APL Electrostatic Booth 1 (1111 Purina) (EU 26), APL Electrostatic Booth 2 (1111 Purina) (EU 27), APL Manual Touch-up Booth 1 (1111 Purina) (EU 28), APL Cure Oven (1111 Purina) (EU 29), APL Washer Entrance Exhaust (1111 Purina) (EU 30), APL Washer Exit Exhaust (1111 Purina) (EU 31), APL Washer Dry-off Oven (1111 Purina) (EU 34), APL Manual Touchup Booth 2 (1111 Purina) (EU 36), APL Primer Booth #2 (1111 Purina) (EU 37), WPL Dip Room (8.0 gal/hr) - (2045 Kerper) (EU 116), WPL Dip Drying Room - (2045 Kerper)(EU 117), WPL Stain Booth Rhodes)(Prefinish) - (2045 Kerper) (EU 118), Mini Paint line Cure Oven (APL) - (2045 Kerper) (EU 143), Mini Paint Line Booth #1 (APL) - (2045 Kerper) (EU 144), and Mini Paint Line Booth #2 (APL) (2045 Kerper) (EU 145). This limit does not apply to any other unit at this facility and cannot be relieved without PSD review. It does not include VOC emissions from the combustion of natural gas in the cure oven or dry-off ovens.

Pollutant: Total HAP
Emission Limit(s): 1.93 lb HAP/gallon solids
Authority for Requirement: DNR Construction Permit 01-A-155-S7
567 IAC 23.1(4)"cq"
40 CFR 63 Subpart QQQQ

Operational Limits & Reporting/Record keeping Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below. Records shall be kept on site for at least five years and shall be available for inspection by the Department.

A. The owner or operator shall maintain a log of all materials used in the following emission units: APL Primer Booth #1 (1111 Purina) (EU 25), APL Electrostatic Booth 1 (1111 Purina) (EU 26), APL Electrostatic Booth 2 (1111 Purina) (EU 27), APL Manual Touch-up Booth 1 (1111 Purina) (EU 28), APL Cure Oven (1111 Purina) (EU 29), APL Washer Entrance Exhaust (1111 Purina) (EU 30), APL Washer Exit Exhaust (1111 Purina) (EU 31), APL Washer Dry-Off Oven (1111 Purina) (EU 34), APL Manual Touchup Booth 2 (1111 Purina) (EU 36), APL Primer Booth #2 (1111 Purina) (EU 37), WPL Dip Room (8.0 gal/hr) – (2045 Kerper) (EU 116), WPL Dip Drying Room (2045 Kerper) (EU 117), WPL Stain Booth (Rhodes)(Prefinish) (2045 Kerper) (EU 118), Mini Paint Line Cure Oven (APL) – (2045 Kerper) (EU 143), Mini Paint Line Booth #1 (APL) – (2045 Kerper) (EU 144), and Mini Paint Line Booth #2 (APL) – (2045 Kerper) (EU 145). Note: These emission units will hereafter be referred to as the "affected units". The log shall contain the materials' respective VOC content (in applicable units).
    a. The owner or operator shall record the daily material usage (in gal/day) for each VOC-containing material used in the "affected units". For the purposes of tracking material usage, all materials may be considered used on the day the materials are delivered to the facility or to the production line.
    b. The owner or operator shall retain Safety Data Sheets (SDS) for all reagents, surface coating materials, solvents and other VOC-containing material used in the "affected units".

B. Calculate and record the VOC emissions (in tons) from the "affected units" on a monthly basis and keep a 12-month rolling total. Records for VOC emissions shall be kept on a monthly basis until the VOC emissions exceed 200 tons per year. At this point the owner or operator shall immediately begin keeping a 365-day rolling total amount of VOC emitted. Calculation requirements may revert back to a monthly basis if the 12-month rolling total of VOC emissions is returned to below 200 tons per year.
    a. The owner or operator shall calculate VOC emissions assuming that 100% of the VOC content of the material is emitted to the atmosphere, with the exception of C., below.
    b. For the purposes of calculating emissions, all VOC may be considered emitted on the day the materials are delivered to the facility or to the production line.

C. The owner or operator may take credit for any waste VOC shipped off-site. The owner or operator shall record the amount of waste shipped off-site, and also analyze the VOC content of the waste once every calendar year quarter. The sample analyzed shall be taken as a representative sample (as defined in 40 CFR 260.10) of the waste sent off-site for that quarter and shall be taken as representative until the subsequent quarter's analysis

is received. The credit (calculated from the most current analysis and the amount shipped off-site) may be subtracted from the VOC rolling totals, respectively, as of the date the waste is shipped off-site.

D. In accordance with 40 CFR §63.4700, the owner or operator shall be in compliance at all times with the applicable organic HAP emission limits included in 40 CFR §63.4690 and listed in this permit.
    a. All spray materials shall meet the emission requirements per §63.4690 which includes, but is not limited to, limiting the organic HAP emissions from finishing operations, contact adhesives and strippable spray booth coatings.

E. As indicated in 40 CFR §63.4691, the owner or operator shall use one of the following methods to meet the emission limits of Subpart QQQQ of Part 63:
    a. *Compliant material option.* Demonstrate that the organic HAP content of each coating used in the coating operation(s) is less than or equal to the applicable emission limit in §63.4690, and that each thinner and each cleaning material used contains no organic HAP,
    b. *Emission rate without add-on controls option.* Demonstrate that, based on the coatings, thinners, and cleaning materials used in the coating operation(s), the organic HAP emission rate for the coating operation(s) is less than or equal to the applicable emission limit in §63.4690, calculated as a rolling 12-month emission rate and determined on a monthly basis; or,
    c. *Emission rate with add-on controls option.* Demonstrate that, based on the coatings, thinners, and cleaning materials used in the coating operation(s), and the emissions reductions achieved by emission capture systems and add-on controls, the organic HAP emission rate for the coating operation(s) is less than or equal to the applicable emission limit in §63.4690, calculated as a rolling 12-month emission rate and determined on a monthly basis. If you use this compliance option, you must also demonstrate that all emission capture systems and add-on control devices for the coating operation(s) meet the operating limits required in §63.4692, except for solvent recovery systems for which you conduct liquid-liquid material balances according to §63.4761(j), and that you meet the work practice standards required in §63.4693.

F. The owner or operator shall comply with the operating limits as outlined in 40 CFR §63.4692. For any coating operation(s) on which the facility uses the compliant material option or the emission rate without add-on controls option, the facility is not required to meet any operating limits.

G. The owner or operator shall comply with the work practice standards as outlined in 40 CFR §63.4693. For any coating operation(s) on which the facility uses the compliant material option or the emission rate without add-on controls option, the facility is not required to meet any work practice standards.

H. The owner or operator shall comply with the compliance procedures and monitoring requirements of §63.4700.

I. The owner or operator shall comply with the notification, reporting, and recordkeeping requirements as outlined in 40 CFR §63.4710, §63.4720, and §63.4730, respectively.

Authority for Requirement: DNR Construction Permit 01-A-155-S7
567 IAC 23.1(4)"cq"
40 CFR Subpart QQQQ

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

Stack Height, (ft, from the ground): 4
Stack Opening, (inches): 19.25 x 35.25
Exhaust Flow Rate (scfm): 11,000
Exhaust Temperature (°F): 70
Discharge Style: Horizontal
Authority for Requirement: DNR Construction Permit 01-A-155-S7

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

Monitoring Requirements
The owner/operator of this equipment shall comply with the 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-117

Associated Equipment

Emission Unit Number	Emission Unit Description	Raw Material	Rated Capacity	DNR Construction Permit Number
EU-117	WPL Dip Drying Room (2045 Kerper)	Air	5,000 ft^3/min	01-A-156-S8

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: VOC
Emission Limit(s): 244.4 tons/yr(1)
Authority for Requirement: DNR Construction Permit 01-A-156-S8

(1)Established in Project Number 04-142 to limit potential emissions below the applicable Prevention of Significant Deterioration (PSD) major source threshold. The emission limit applies to the following emission units: APL Primer Booth #1 (1111 Purina) (EU 25), APL Electrostatic Booth 1 (1111 Purina) (EU 26), APL Electrostatic Booth 2 (1111 Purina) (EU 27), APL Manual Touch-up Booth 1 (1111 Purina) (EU 28), APL Cure Oven (1111 Purina) (EU 29), APL Washer Entrance Exhaust (1111 Purina) (EU 30), APL Washer Exit Exhaust (1111 Purina) (EU 31), APL Washer Dry-off Oven (1111 Purina) (EU 34), APL Manual Touchup Booth 2 (1111 Purina) (EU 36), APL Primer Booth #2 (1111 Purina) (EU 37), WPL Dip Room (8.0 gal/hr) - (2045 Kerper) (EU 116), WPL Dip Drying Room - (2045 Kerper)(EU 117), WPL Stain Booth Rhodes)(Prefinish) - (2045 Kerper) (EU 118), Mini Paint line Cure Oven (APL) - (2045 Kerper) (EU 143), Mini Paint Line Booth #1 (APL) - (2045 Kerper) (EU 144), and Mini Paint Line Booth #2 (APL) (2045 Kerper) (EU 145). This limit does not apply to any other unit at this facility and cannot be relieved without PSD review. It does not include VOC emissions from the combustion of natural gas in the cure oven or dry-off ovens.

Pollutant: Total HAP
Emission Limit(s): 1.93 lb HAP/gallon solids
Authority for Requirement: DNR Construction Permit 01-A-156-S8
567 IAC 23.1(4)"cq"
40 CFR 63 Subpart QQQQ

Operational Limits & Reporting/Record keeping Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below. Records shall be kept on site for at least five years and shall be available for inspection by the Department.

A. The owner or operator shall maintain a log of all materials used in the following emission units: APL Primer Booth #1 (1111 Purina) (EU 25), APL Electrostatic Booth 1 (1111 Purina) (EU 26), APL Electrostatic Booth 2 (1111 Purina) (EU 27), APL Manual Touch-up Booth 1 (1111 Purina) (EU 28), APL Cure Oven (1111 Purina) (EU 29), APL Washer Entrance Exhaust (1111 Purina) (EU 30), APL Washer Exit Exhaust (1111 Purina) (EU 31), APL Washer Dry-Off Oven (1111 Purina) (EU 34), APL Manual Touchup Booth 2 (1111 Purina) (EU 36), APL Primer Booth #2 (1111 Purina) (EU 37), WPL Dip Room

(8.0 gal/hr) – (2045 Kerper) (EU 116), WPL Dip Drying Room (2045 Kerper) (EU 117), WPL Stain Booth (Rhodes)(Prefinish) (2045 Kerper) (EU 118), Mini Paint Line Cure Oven (APL) – (2045 Kerper) (EU 143), Mini Paint Line Booth #1 (APL) – (2045 Kerper) (EU 144), and Mini Paint Line Booth #2 (APL) – (2045 Kerper) (EU 145). Note: These emission units will hereafter be referred to as the "affected units". The log shall contain the materials' respective VOC content (in applicable units).

a. The owner or operator shall record the daily material usage (in gal/day) for each VOC-containing material used in the "affected units". For the purposes of tracking material usage, all materials may be considered used on the day the materials are delivered to the facility or to the production line.
b. The owner or operator shall retain Safety Data Sheets (SDS) for all reagents, surface coating materials, solvents and other VOC-containing material used in the "affected units".

B. Calculate and record the VOC emissions (in tons) from the "affected units" on a monthly basis and keep a 12-month rolling total. Records for VOC emissions shall be kept on a monthly basis until the VOC emissions exceed 200 tons per year. At this point the owner or operator shall immediately begin keeping a 365-day rolling total amount of VOC emitted. Calculation requirements may revert back to a monthly basis if the 12-month rolling total of VOC emissions is returned to below 200 tons per year.

a. The owner or operator shall calculate VOC emissions assuming that 100% of the VOC content of the material is emitted to the atmosphere, with the exception of Condition C, below.
b. For the purposes of calculating emissions, all VOC may be considered emitted on the day the materials are delivered to the facility or to the production line.

C. The owner or operator may take credit for any waste VOC shipped off-site. The owner or operator shall record the amount of waste shipped off-site, and also analyze the VOC content of the waste once every calendar year quarter. The sample analyzed shall be taken as a representative sample (as defined in 40 CFR 260.10) of the waste sent off-site for that quarter and shall be taken as representative until the subsequent quarter's analysis is received. The credit (calculated from the most current analysis and the amount shipped off-site) may be subtracted from the VOC rolling totals, respectively, as of the date the waste is shipped off-site.

D. In accordance with 40 CFR §63.4700, the owner or operator shall be in compliance at all times with the applicable organic HAP emission limits included in 40 CFR §63.4690 and listed in this permit.

a. All spray materials shall meet the emission requirements per §63.4690 which includes, but is not limited to, limiting the organic HAP emissions from finishing operations, contact adhesives and strippable spray booth coatings.

E. As indicated in 40 CFR §63.4691, the owner or operator shall use one of the following methods to meet the emission limits of Subpart QQQQ of Part 63:

a. *Compliant material option.* Demonstrate that the organic HAP content of each coating used in the coating operation(s) is less than or equal to the applicable emission limit in §63.4690, and that each thinner and each cleaning material used contains no organic HAP,
b. *Emission rate without add-on controls option.* Demonstrate that, based on the coatings, thinners, and cleaning materials used in the coating operation(s), the

organic HAP emission rate for the coating operation(s) is less than or equal to the applicable emission limit in §63.4690, calculated as a rolling 12-month emission rate and determined on a monthly basis; or,

c. *Emission rate with add-on controls option.* Demonstrate that, based on the coatings, thinners, and cleaning materials used in the coating operation(s), and the emissions reductions achieved by emission capture systems and add-on controls, the organic HAP emission rate for the coating operation(s) is less than or equal to the applicable emission limit in §63.4690, calculated as a rolling 12-month emission rate and determined on a monthly basis. If you use this compliance option, you must also demonstrate that all emission capture systems and add-on control devices for the coating operation(s) meet the operating limits required in §63.4692, except for solvent recovery systems for which you conduct liquid-liquid material balances according to §63.4761(j), and that you meet the work practice standards required in §63.4693.

F. The owner or operator shall comply with the operating limits as outlined in 40 CFR §63.4692. For any coating operation(s) on which the facility uses the compliant material option or the emission rate without add-on controls option, the facility is not required to meet any operating limits.

G. The owner or operator shall comply with the work practice standards as outlined in 40 CFR §63.4693. For any coating operation(s) on which the facility uses the compliant material option or the emission rate without add-on controls option, the facility is not required to meet any work practice standards.

H. The owner or operator shall comply with the compliance procedures and monitoring requirements of §63.4700.

I. The owner or operator shall comply with the notification, reporting, and recordkeeping requirements as outlined in 40 CFR §63.4710, §63.4720, and §63.4730, respectively.

Authority for Requirement: DNR Construction Permit 01-A-156-S8
567 IAC 23.1(4)"cq"
40 CFR Subpart QQQQ

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

Stack Height, (ft, from the ground): 7
Stack Opening, (inches): 18.06 x 12.63
Exhaust Flow Rate (scfm): 5,000
Exhaust Temperature (°F): 70
Discharge Style: Downward
Authority for Requirement: DNR Construction Permit 01-A-156-S8

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

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

Agency Approved 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-118

Associated Equipment

Emission Unit Number	Emission Unit Description	Control Equipment	Raw Material	Rated Capacity (gal/hr)	DNR Construction Permit Number
EU-118	WPL Rhodes Booth (2045 Kerper)	CE-118: Paint Filters	Paint	10.8	01-A-157-S6

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 01-A-157-S6
567 IAC 23.3(2)"d"

[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 continues 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 01-A-157-S6
567 IAC 23.4(13)

Pollutant: PM_{10}
Emission Limit(s): 1.4 lb/hr
Authority for Requirement: DNR Construction Permit 01-A-157-S6

Pollutant: VOC
Emission Limit(s): 244.4 tons/yr[2]
Authority for Requirement: DNR Construction Permit 01-A-157-S6

[2]This emission limit is a PSD Synthetic minor limit that was established in Project Number 04-142 and was originally only applicable to specific units. APL Primer Booth #1 (EU-25), APL Electrostatic Booth #1 (EU-26), APL Electrostatic Booth #2 (EU-27), APL Manual Touch-up Booth #1 (EU-28). APL Cure Oven (EU-29), APL Manual Touchup Booth #2 (EU 36), APL Primer Booth #2 (EU 37), WPL Dip Room (EU 116), WPL Dip Drying Room (EU 117), WPL Rhodes Booth (EU 118), APL Cure Oven (EU 143), APL Booth #1 (EU 144), APL Booth #2 (EU 145), APL Washer Dry-Off Oven (EU 34), APL Washer Entrance Exhaust (EU 30), APL Washer Exit Exhaust (EU 31). This limit does not apply to any other unit at this facility and cannot be relieved without PSD review. It does not include VOC emissions from the combustion of natural gas in the cure oven or dry-off ovens.

Pollutant: Total HAP
Emission Limit(s): 1.93 lb HAP/gallon solids
Authority for Requirement: DNR Construction Permit 01-A-157-S6
567 IAC 23.1(4)"cq"
40 CFR 63 Subpart QQQQ

Operational Limits & Reporting/Record keeping Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below. Records shall be kept on site for at least five years and shall be available for inspection by the Department.

NSPS and NESHAP Applicability

A. This emission unit is not subject to any applicable New Source Performance Standard (NSPS) at this time.
B. The emission unit is subject to 40 CFR 63 Subpart A – General Provisions.
C. The emission unit is subject to 40 CFR 63 Subpart QQQQ National Emission Standards for Hazardous Air Pollutants: Surface Coating of Wood Building Products, as an existing source.

Operating Limits

Operating limits for this emission unit shall be:

A. All spray materials shall meet the emission requirements per §63.4690 which includes, but is not limited to, limiting the VHAP emissions from finishing operations, contact adhesives and strippable spray booth coatings.
B. The owner or operator shall comply with the work practice standards outlined in §63.4693.
C. The owner or operator shall comply with the compliance procedures and monitoring requirements of §63.4700.
D. The control equipment shall be maintained according to the manufacturers' specifications.

Operating Condition Monitoring

A. The facility shall maintain a log of all materials used in the following units: APL Manual Primer Booth (EU-25), APL Electrostatic Booth (EU-26), APL Electrostatic Booth 2 (EU-27), APL Manual Touch-up Booth 1 (EU-28), APL Cure Oven (EU-29), APL Manual Touch-up Booth 2 (EU-36), APL Manual Primer Booth 2 (EU-37), WPL Touchup Booth (EU-104), WPL Dip Room (EU-116), WPL Dip Drying Room (EU-117), WPL Rhodes Booth (EU-118), WPL Rhodes Dry Oven (EU-119), APL Cure Oven (EU-143), APL Booth #1 (EU-144), APL Booth #2 (EU-145), APL Washer Dry-Off Oven (EU-34), APL Washer Entrance Exhaust (EU-30) and APL Washer Exit Exhaust (EU-31). Note: These emission units will hereafter be referred to as the "affected units". The log shall contain the materials respective VOC, Single HAP and Total HAP content, (in applicable units).
B. The facility shall record the daily material usage (in gal/day) for each VOC-containing material used in the "affected units".
C. Calculate and record the VOC emissions in tons from the "affected units" on a monthly

basis and keep a 12-month rolling total. Records for VOC emissions shall be kept on a monthly basis until the VOC emissions exceed 200 TPY. At this point the owner or operator shall immediately begin keeping a 365-day rolling total amount of VOC emitted. Calculation requirements may revert back to a monthly basis if the 12-month rolling total of VOC emissions is returned to below 200 TPY.

D. The owner or operator may take credit for any waste VOC, Single HAP or Total HAP shipped off-site. The owner or operator shall record the amount of waste shipped off-site, and also analyze the VOC content, Single HAP content and the Total HAP content of the waste once every calendar year quarter. The sample analyzed shall be taken as a representative sample (as defined in 40 CFR 260.10) of the waste sent off-site for that quarter and shall be taken as representative until the subsequent quarter's analysis is received. The credit (calculated from the most current analysis and the amount shipped off-site) may be subtracted from the VOC, Single HAP and Total HAP rolling totals, respectively, as of the date the waste is shipped off-site.
E. Retain Material Safety Data Sheets (MSDS) for all reagents, surface coating materials, solvents and other HAP and VOC-containing material used in the "affected units".

Authority for Requirement: DNR Construction Permit 01-A-157-S6
567 IAC 23.1(4)"cq"
40 CFR 63 Subpart QQQQ

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 15*
Stack Opening, (inches, dia.): 16*
Exhaust Flow Rate (scfm): 3,000*
Exhaust Temperature (°F): 150
Discharge Style: Vertical Unobstructed
Authority for Requirement: DNR Construction Permit 01-A-157-S6
*Actual stack height is 41", stack opening is 36", exhaust flow rate is 14,436 cfm, and exhaust temperature is ambient.

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

Monitoring Requirements

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

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

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

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

Agency Paint Booth Operational & Maintenance Plan

Weekly

- Inspect the paint 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 manufacturers' recommendations.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Numbers: EP-146 & EP-147

Associated Equipment

Emission Point Number	Emission Unit Number	Emission Unit Description	Raw Material	Rated Capacity	DNR Construction Permit Number
EP-146	EU-146	Wood Treating Tank	Woodlife & Mineral Spirits	8.69 gal/hr	05-A-168-S1
EP-147	EU-147	Wood Treating Oven	Natural Gas	0.5 MMBtu/hr	05-A-169-S1

Applicable Requirements

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

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

Pollutant: Opacity
Emission Limit(s): 40%[(1)]
Authority for Requirement: DNR Construction Permit 05-A-168-S1, 05-A-169-S1
567 IAC 23.3(2)"d"

[(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).

Pollutant: VOC
Emission Limit(s): 249.0 tons/yr[(2)]
Authority for Requirement: DNR Construction Permit 05-A-168-S1, 05-A-169-S1

[(2)]This emission limit is only applicable to the following permitted units: Treating Tank (05-A-168-S1, EU-146) and Treating Oven (05-A-169-S1, EU-147). This limit does not apply to any other unit at this facility and cannot be relieved without PSD review. It does not include VOC emissions from the combustion of natural gas in the dry-off oven.

Pollutant: Total HAP
Emission Limit(s): 1.93 lb HAP/gallon solids
Authority for Requirement: DNR Construction Permit 05-A-168-S1, 05-A-169-S1
567 IAC 23.1(4)"cq"
40 CFR 63 Subpart QQQQ

EP-146 Only
Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.01 gr/dscf
Authority for Requirement: DNR Construction Permit 05-A-168-S1
567 IAC 23.4(13)

EP-147 Only
Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.1 gr/dscf
Authority for Requirement: DNR Construction Permit 05-A-169-S1

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

Operational Limits & Reporting/Record keeping Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below. Records shall be kept on site for at least five years and shall be available for inspection by the Department.

Process throughput:

A. All spray materials shall meet the emission requirements per §63.4690 which includes, but is not limited to, limiting the VHAP emissions from finishing operations, contact adhesives and strippable spray booth coatings.
B. The owner or operator shall comply with the work practice standards outlined in §63.4693.
C. The owner or operator shall comply with the compliance procedures and monitoring requirements of §63.4700.

Reporting & Record keeping:

A. The facility shall maintain a log of all materials used in the following units: Treating Tank (EU-146) and Treating Oven (EU-147). The log shall contain the materials respective VOC, Single HAP and Total HAP content, (in lb/gal).
B. The facility shall record the daily material usage (in gal/day) for each VOC-containing material used in the following units: Treating Tank (EU-146) and Treating Oven (EU-147).
C. Calculate and record the VOC emissions in tons from all of the following units: Treating Tank (EU-146) and Treating Oven (EU-147) on a monthly basis and keep a 12-month rolling total. Records for VOC emissions shall be kept on a monthly basis until the VOC emissions exceed 200 TPY. At this point the owner or operator shall immediately begin keeping a 365-day rolling total amount of VOC emitted. Calculation requirements may revert back to a monthly basis if the 12-month rolling total of VOC emissions is returned to below 200 TPY.
D. The owner or operator may take credit for any waste VOC, Single HAP or Total HAP shipped off-site. The owner or operator shall record the amount of waste shipped off-site from the Treating Tank (EU-146) and Treating Oven (EU-147), and also analyze the VOC content, Single HAP content and the Total HAP content of the waste once every calendar year quarter. The sample analyzed shall be taken as a representative sample (as defined in 40 CFR 260.10) of the waste sent off-site for that quarter and shall be taken as representative until the subsequent quarter's analysis is received. The credit (calculated from the most current analysis and the amount shipped off-site) may be subtracted from the VOC, Single HAP and Total HAP rolling totals, respectively, as of the date the waste

is shipped off-site. Note: Credit from waste shipped off-site from the Treating Tank (EU-146) and Treating Oven (EU-147) may only be applied to the emission limits for the Treating Tank (EU-146) and Treating Oven (EU-147)

E. Retain Material Safety Data Sheets (MSDS) for all reagents, surface coating materials, solvents and other HAP and VOC-containing material used in the following units: Tank (EU-146) and Treating Oven (EU-147).

Authority for Requirement: DNR Construction Permits 05-A-168-S1 & 05-A-169-S1
567 IAC 23.1(4)"cq"
40 CFR 63 Subpart QQQQ

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Emission Point	**EP-146**	**EP-147**
Stack Height, (ft, from the ground)	47.8	47.8
Stack Opening, (inches, dia.)	14	16
Exhaust Flow Rate (scfm)	2,200	3,750
Exhaust Temperature (°F)	70	150
Discharge Style	Vertical Obstructed	Vertical Obstructed
Authority for Requirement	05-A-168-S1	05-A-169-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 thirty (30) days of the discovery to determine if a permit amendment is required, or submit a permit application requesting to amend the permit.

Monitoring Requirements

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

Agency Approved 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 Numbers: EP-148, EP-152

Associated Equipment

Emission Point Number	Emission Unit Number	Emission Unit Description	Control Equipment	Raw Material	Rated Capacity (gal/hr)	DNR Construction Permit Number
EP-148	EU-148	WPL Rhodes Paint Booth #2	CE-148: Dry Filter	Paint	13.8	05-A-916-S2
EP-152	EU-152	Deimco Spray Paint Booth	CE-152: Dry Filter	Paint	13.8	14-A-522

Applicable Requirements

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

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

Pollutant: Opacity
Emission Limit(s): 40%[(1)]
Authority for Requirement: DNR Construction Permit 05-A-916-S2, 14-A-522
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 (PM)
Emission Limit(s): 0.01 gr/dscf
Authority for Requirement: DNR Construction Permit 05-A-916-S2, 14-A-522
567 IAC 23.4(13)

Pollutant: VOC
Emission Limit(s): 39.4 tons/yr[(2)]
Authority for Requirement: DNR Construction Permit 05-A-916-S2, 14-A-522

[(2)]This only applicable to the following permitted units: WPL Rhodes Booth #2 (EU-148, EP-148) and Spray Paint Booth (EU-152, EP-152). This limit does not apply to any other unit at this facility and cannot be relieved without PSD review.

Pollutant: Total HAP
Emission Limit(s): 1.93 lb HAP/gallon solids
Authority for Requirement: DNR Construction Permit 05-A-916-S2, 14-A-522
567 IAC 23.1(4)"cq"
40 CFR 63 Subpart QQQQ

Operational Limits & Reporting/Record keeping Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below. Records shall be kept on site for at least five years and shall be available for inspection by the Department.

Operating limits for this emission unit shall be:

A. All spray materials shall meet the emission requirements per §63.4690 which includes, but is not limited to, limiting the organic HAP emissions.
B. The owner or operator shall comply with the work practice standards outlined in §63.4693.
C. The owner or operator shall comply with the compliance procedures and monitoring requirements of §63.4700.
D. The control equipment shall be maintained according to the manufacturers' specifications.

Reporting & Record keeping:

A. The facility shall maintain a log of all materials used in the following units: WPL Rhodes Booth #2 (EU-148) and Spray Paint Booth (EU-152).
B. The facility shall record the daily material usage (in gal/day) for each VOC-containing material used in the following units: WPL Rhodes Booth #2 (EU-148) and Spray Paint Booth (EU-152).
C. The facility shall calculate and record the VOC emission in tons from the following units: WPL Rhodes Booth #2 (EU-148) and Spray Paint Booth (EU-152) on a monthly basis and keep a 12-month rolling total. Records for VOC emissions shall be kept on a monthly basis until the VOC emissions exceed 27 TPY. At this point the owner or operator shall immediately begin keeping a 365-day rolling total amount of VOC emitted. Calculation requirements may revert back to a monthly basis if the 12-month rolling total of VOC emissions is returned to below 27 TPY.
D. The owner or operator may take credit for any waste VOC, Single HAP or Total HAP shipped off-site. The owner or operator shall record the amount of waste shipped off-site from WPL Rhodes Booth #2 (EU-148) and Spray Paint Booth (EU-152) and also analyze the VOC content, Single HAP content and the Total HAP content of the waste once every calendar year quarter. The sample analyzed shall be taken as a representative sample (as defined in 40 CFR 260.10) of the waste sent off-site for that quarter and shall be taken as representative until the subsequent quarter's analysis is received. The credit (calculated from the most current analysis and the amount shipped off-site) may be subtracted from the VOC, Single HAP and Total HAP rolling totals, respectively, as of the date the waste is shipped off-site. Note: Credit from waste shipped off-site from the WPL Rhodes Booth #2 (EU-148) and Spray Paint Booth (EU-152) may only be applied to the emission limits for the WPL Rhodes Booth #2 (EU-148) and Spray Paint Booth (EU-152).
E. The owner or operator shall retain material Safety Data Sheets (MSDS) for all reagents, surface coating materials, solvents, and other HAP and VOC-containing material used at the facility (Plant Number 31-01-061).
F. The owner or operator shall maintain a record of control equipment maintenance and inspection results.

Authority for Requirement: DNR Construction Permits 05-A-916-S2, 14-A-522
567 IAC 23.1(4)"cq"
40 CFR 63 Subpart QQQQ

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Emission Point	**EP-148**	**EP-152**
Stack Height, (ft, from the ground)	47.83	47' 10"
Stack Opening, (inches, dia.)	36	36
Exhaust Flow Rate (scfm)	22,000	17,085
Exhaust Temperature (°F)	Ambient	70
Discharge Style	Vertical Obstructed	Vertical Obstructed
Authority for Requirement	05-A-916-S2	14-A-522

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

Monitoring Requirements

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

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

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

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

Agency Paint Booth Operational & Maintenance Plan

Weekly

- Inspect the paint 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 manufacturers' recommendations.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Numbers: EP-169

Associated Equipment

Emission Unit	Emission Unit Description	Raw Material	Rated Capacity	Construction Permit
EU-169	Glazing Process (2045 Kerper)	Coating	11 gal/hr	23-A-017

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 23-A-017
567 IAC 23.3(2)"d"

[(1)]An exceedance of the indicator opacity of "No Visible Emissions" will require the owner of 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 NDR 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 23-A-017
567 IAC 23.4(13)

Pollutant: Organic HAP (general use coating)
Emission Limit(s): 2.6 lb organic HAP/gallons of solid
Authority for Requirement: DNR Construction Permit 23-A-017
567 IAC 23.1(4)"cm"
40 CFR 63 Subpart MMMM

Pollutant: Organic HAP (high performance coating)
Emission Limit(s): 27.5 lb organic HAP/gallons of solid
Authority for Requirement: DNR Construction Permit 23-A-017
567 IAC 23.1(4)"cm"
40 CFR 63 Subpart MMMM

Operational Limits & Reporting/Record keeping Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below. Records shall be kept on site for at least five years and shall be available for inspection by the Department.

General Requirements

A. The owner or operator shall retain Safety Data Sheets (SDS) for all reagents, surface coating materials, solvents and other HAP and / or VOC-containing materials used in the glazing process (EU-169).
B. The maximum VOC content of the combined two-part sealant used in the glazing process shall not exceed 0.3 pounds VOC/gallon.

NESHAP Requirements (Subpart MMMM)

C. The owner or operator shall limit organic HAP emission to the atmosphere as per the emission requirements of 40 CFR §63.3890.
D. The owner or operator shall demonstrate compliance with the NESHAP Subpart MMMM emission limits of 40 CFR §63.3890 by following the compliance options detailed in 40 CFR §63.3891.
    a. The owner of operator shall record the compliance option it is using from 40 CFR §63.3891; and,
    b. Should the compliance option change, the owner or operator shall update the record and the date of the compliance option change.
E. The owner or operator shall demonstrate compliance with the NESHAP Subpart MMMM requirements by following the procedures detailed in 40 CFR §63.3940, 40 CFR §63.3941, & 40 CFR §63.3941, or 40 CFR §63.3950, 40 CFR §63.3951, & 40 CFR §63.3952.
F. The owner or operator shall meet all the applicable notification requirements of 40 CFR §63.3910.
G. The owner or operator shall meet all the application reporting requirements of 40 CFR §63.3920.
H. The owner or operator shall meet all the applicable recordkeeping requirements of 40 CFR §63.3930 and 40 CFR §63.3931.
I. The owner or operator shall meet all the general requirements for complying with NESHAP Subpart MMMM of 40 CFR §63.3900.

Authority for Requirement: DNR Construction Permit 23-A-017
567 IAC 23.1(4)"cm"
40 CFR 63 Subpart MMMM

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height, (ft., from the ground): Indoor vented
Stack Opening, (inches, dia.): Indoor vented
Exhaust Flow Rate (scfm): Indoor vented
Exhaust Temperature (°F): Building Ambient
Discharge Style: Indoor vented

Authority for Requirement: DNR Construction Permit 23-A-017

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

Monitoring Requirements

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

Agency Approved 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 Numbers: EP-112

Associated Equipment

Emission Unit Number	Emission Unit Description	Control Equipment	Raw Material	Rated Capacity	Construction Permit
EU-112	Woodworking Equipment, North, Machining	CE-112: North Pneumafil Baghouse	Wood	2,430 linear feet per hour	01-A-153-S7

Applicable Requirements

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

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

Pollutant: Opacity
Emission Limit(s): 40% [(1)]
Authority for Requirement: DNR Construction Permits 01-A-153-S7
567 IAC 23.3(2)"d"

[(1)]An exceedance of the indicator opacity of *"No Visible Emissions (NVE)"* 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 (PM)
Emission Limit(s): 1.85 lb/hr, 0.1 gr/dscf
Authority for Requirement: DNR Construction Permits 01-A-153-S7
567 IAC 23.3(2)"a"

Pollutant: Particulate Matter (PM_{10})
Emission Limit(s): 0.82 lb/hr
Authority for Requirement: DNR Construction Permits 01-A-153-S7

Pollutant: Particulate Matter ($PM_{2.5}$)
Emission Limit(s): 0.78 lb/hr,
Authority for Requirement: DNR Construction Permits 01-A-153-S7

Operational Limits & Reporting/Record keeping Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below. Records shall be kept on site for at least five years and shall be available for inspection by the Department.

A. The owner or operator shall maintain the North Pneumafil Baghouse (CE-112) according to the manufacturer's specifications. The owner or operator shall maintain a log of all maintenance and inspection activities performed on the North Pneumafil Baghouse (CE-112). This log shall include, but is not necessarily limited to:
    a. The date and time any inspection and/or maintenance was performed on the North

Pneumafil Baghouse (CE-112);

b. Any issues identified during the inspection and the date each issue was resolved;
c. Any issues identified during the maintenance activities and the date each issue was resolved; and
d. Identification of the staff member performing the maintenance or inspection.

B. The owner or operator shall operate a maximum of 40 pickup points venting through the North Pneumafil Baghouse (CE-112). The owner or operator shall maintain a record of the number of pickup points.

Authority for Requirement: DNR Construction Permits 01-A-153-S7

Emission Point Characteristics

Each emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 25.5
Stack Opening, (inches): 48 x 48
Exhaust Flow Rate (scfm): 40,700[(1)]
Exhaust Temperature (°F): Ambient
Discharge Style: Horizontal
Authority for Requirement: DNR Construction Permits 01-A-153-S7

[(1)]The fan connected to the stack is a variable fan, with a maximum exhaust flow rate of 48,000 scfm. The maximum flow rate shall be 40,700 scfm for proper operation of the control equipment.

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

Monitoring Requirements

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

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

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

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☒ **No** ☐
See CAM Plan included with EP-123.

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Numbers: EP-123

Associated Equipment

Emission Unit Number	Emission Unit Description	Control Equipment	Raw Material	Rated Capacity	Construction Permit
EU-123	Woodworking Equipment, South, Hinge Door and Window	CE-123: South Pneumafil Baghouse	Wood	15.9 units/hr	01-A-799-S6

Applicable Requirements

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

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

Pollutant: Opacity
Emission Limit(s): 40% (1)
Authority for Requirement: DNR Construction Permits 01-A-799-S6
567 IAC 23.3(2)"d"

(1)An exceedance of the indicator opacity of *"No Visible Emissions (NVE)"* 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 (PM)
Emission Limit(s): 1.54 lb/hr, 0.1 gr/dscf
Authority for Requirement: DNR Construction Permits 01-A-799-S6
567 IAC 23.3(2)"a"

Pollutant: Particulate Matter (PM_{10})
Emission Limit(s): 0.69 lb/hr
Authority for Requirement: DNR Construction Permits 01-A-799-S6

Pollutant: Particulate Matter ($PM_{2.5}$)
Emission Limit(s): 0.65 lb/hr,
Authority for Requirement: DNR Construction Permits 01-A-799-S6

Operational Limits & Reporting/Record keeping Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below. Records shall be kept on site for at least five years and shall be available for inspection by the Department.

A. The owner or operator shall maintain the South Pneumafil Baghouse (CE-123) according to the manufacturer's specifications. The owner or operator shall maintain a log of all maintenance and inspection activities performed on the South Pneumafil Baghouse (CE-123). This log shall include, but is not necessarily limited to:

a. The date and time any inspection and/or maintenance was performed on the South Pneumafil Baghouse (CE-123);
b. Any issues identified during the inspection and the date each issue was resolved;
c. Any issues identified during the maintenance activities and the date each issue was resolved; and
d. Identification of the staff member performing the maintenance or inspection.

B. The owner or operator shall operate a maximum of 16 pickup points venting through the South Pneumafil Baghouse (CE-123). The owner or operator shall maintain a record of the number of pickup points.

Authority for Requirement: DNR construction Permit 01-A-799-S6

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height, (ft., from the ground): 30
Stack Opening, (inches): 40 x 40
Exhaust Flow Rate (scfm): 25,000[(1)]
Exhaust Temperature (°F): Ambient
Discharge Style: Horizontal
Authority for Requirement: DNR Construction Permit 01-A-799-S6

[(1)] The fan connected to the stack is a variable fan, with a maximum exhaust flowrate of 40,000 scfm. The maximum flow rate shall be 25,000 scfm for proper operation of the control equipment.

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

Monitoring Requirements

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

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

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

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☒ **No** ☐
See CAM plan below.

Authority for Requirement: 567 IAC 22.108(3)

Compliance Assurance Monitoring Plan

EP-112, EP-123

I. Background

Facility: Eagle Window and Door, Inc.
2045 Kerper Blvd.
Dubuque, IA 52001

A. Emission Units

Identification	Description
EU-112	Woodworking Equipment, North, Machining
EU-123	Woodworking Equipment, South, Hinge Door and Window

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Emission Point	Regulation	Opacity	PM2.5	PM10	PM
EP-112	DNR Construction Permit 01-A-153-S7	40%	0.78 lb/hr	0.82 lb/hr	1.85 lb/hr
	567 IAC 23.3(2)"a"				0.1 gr/dscf
EP-123	DNR Construction Permit 01-A-799-S6	40%	0.65 lb/hr	0.69 lb/hr	1.54 lb/hr
	567 IAC 23.3(2)"a"				0.1 gr/dscf

C. Control Technology

Emission Point	Control Equipment	Description
EP-112	CE-112	Pulse Jet Baghouse operated under negative pressure
EP-123	CD-123	Pulse Jet Baghouse operated under negative pressure

I. Monitoring Approach

A. The key elements of the monitoring approach are presented in Table A. The selected performance indicators are pressure drop across the baghouses and visible emissions. A pressure drop outside the acceptable range, or an observation of visible emissions could indicate a decrease in the performance of the baghouse and in increase in particulate emissions.

B. General Monitoring Guidelines

a. CAM involves the observation of control equipment compliance indicators. This plan defines acceptable ranges for these indicators. CAM also includes control equipment maintenance and inspections.

b. Monitoring is not required during periods of time greater than one day in which the source does not operate.

c. If weather prevents visible emissions monitoring, the observer will note the weather conditions on the form used to record monitoring. If an observation is necessary to meet the required monitoring, at least three attempts will be made to retake the observation throughout the day. If unsuccessful that day due to weather, an observation will be made the next day the weather permits.

C. Excursion from Compliance Indicators

a. An excursion occurs when an observed compliance indicator is outside of its defined acceptable range during normal operations, not including startup and shutdown events. An excursion does not necessarily indicate a violation of

applicable permit terms, conditions, and/or requirements.

b. Corrective actions will begin as soon as possible, but no later than eight hours from the observation of the excursion. Abnormal conditions discovered through equipment inspection and maintenance also require implementation of remediation within eight hours.

c. Corrective action will result in one of the following:

- If corrective actions return the process and control equipment operations to normal, the excursion does not result in a monitoring deviation.
- If corrective actions do not return the compliance indicator to its defined acceptable indicator range within 8 hours, then the event will be recorded as a deviation.

Table A – Monitoring Approach

Indicator	**Indicator #1**	**Indicator #2**
	Differential Pressure	Visible Emissions
A. Measurement Approach	Differential pressure across the baghouse will be monitored.	Visible Emissions from baghouse exhaust will be monitored. The observation is made at the emission point.
B. Indicator Range	Acceptable indicator range: 0 – 6 inches H2O across the baghouse as indicated by differential pressure gauges or an online monitoring system. Excursions trigger inspection and maintenance, as necessary.	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 EPA Method 22).
C. Data Representativeness	An excursion from the normal operating differential pressure range could indicate a decrease in performance of the baghouse and potentially an increase in particulate emissions if corrective actions are not initiated.	An observation of visible emissions could indicate a decrease in the performance of the baghouse and potentially in increase in particulate emissions if corrective actions are not initiated.
D. Verification of Operational Status	Eagle will maintain a log of the pressure drop readings, any excursions from the acceptable range, and any corrective actions (including inspections and maintenance of the baghouse), as applicable. Records will be kept for five years and available upon request.	Eagle will maintain logs of weekly visible emissions observations. Eagle will record any corrective actions resulting from visible emissions observations, (including inspections and maintenance of the baghouse), as applicable. Records will be kept for five years and available upon request.

Indicator	Indicator #1	Indicator #2
E. QA/QC Practices and Criteria	The baghouse and monitoring equipment will be calibrated, operated, and maintained according to the manufacturer's specifications.	The observer will be trained to detect visible emissions.
F. Monitoring Frequency	Differential pressure readings will be recorded daily by the monitoring system or manually 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.
G. Data Collection Procedures	Differential pressure readings will be recorded daily by the monitoring system and maintained on the facility's intranet or recorded manually and maintained in the facility's files.	Results of NVE observations will be recorded on appropriate forms (either electronic or paper format).

Emission Point ID Number: EP-153

Associated Equipment

Emission Unit Number	Emission Unit Description	Raw Material/Fuel	Rated Capacity (hp)	Construction Permit
EU-153	Emergency Generator	Diesel	55	NA

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission points 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): 0.1 gr/dscf
Authority for Requirement: 567 IAC 23.3(2)"a"

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 2.5 lb/MMBtu
Authority for Requirement: 567 IAC 23.3(3)"b"(2)

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

Operating Limits

Process throughput:

1. No person shall allow, cause or permit the combustion of number 1 or number 2 fuel oil exceeding a sulfur content of 0.5 percent by weight.

Authority for Requirement: 567 IAC 23.3(3)"b"(1)

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.

1. The facility shall monitor the percent of sulfur by weight in the fuel oil as delivered. The documentation may be vendor supplied or facility generated.

Authority for Requirement: 567 IAC 22.108(3)

NESHAP Applicability

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 an existing stationary RICE as it was constructed prior to June 12, 2006.

Compliance Date
Per 63.6595(a)(1) you must comply with the provisions of Subpart ZZZZ that are applicable by May 3, 2013.

Operation and Maintenance Requirements 40 CFR 63.6602, 63.6625, 63.6640 and Tables 2c and 6 to Subpart ZZZZ

1. Change oil and filter every 500 hours of operation or annually, whichever comes first. (See 63.6625(i) for the oil analysis option to extend time frame of requirements.)
2. Inspect air cleaner every 1000 hours of operation or annually, whichever comes first, and replace as necessary.
3. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.
4. Operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission related written instructions or develop your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.
5. Install a non-resettable hour meter if one is not already installed.
6. Minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.

Operating Limits 40 CFR 63.6640(f)

1. Any operation other than emergency operation, maintenance and testing and operation in non-emergency situations (*up to*) 50 hours per year is prohibited.
2. There is no time limit on the use of emergency stationary RICE in emergency situations.
3. You may operate your emergency stationary RICE up to 100 combined hours per calendar year for maintenance checks and readiness testing. See 40 CFR 63.6640(f)(2) for additional information and restrictions.
4. You may operate your emergency stationary RICE up to 50 hours per calendar year for non-emergency situations, but those 50 hours are counted toward the 100 hours of maintenance and testing. The 50 hours per year for non-emergency situations cannot be used for peak shaving, or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

Recordkeeping Requirements 40 CFR 63.6655

1. Keep records of the maintenance conducted on the stationary RICE.

2. Keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. Document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. See 40 CFR 63.6655(f) for additional information.

Notification and Reporting Requirements 40 CFR 63.6645, 63.6650 and Table 2c to Subpart ZZZZ

1. An initial notification is not required per 40 CFR 63.6645(a)(5).
2. A report may be required for failure to perform the work practice requirements on the schedule required in Table 2c. (See Footnote 1 of Table 2c for more information.)

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: EP-163, EP-164, EP-165, & EP-166

Associated Equipment

Emission Point	Emission Unit	Emission Unit Description	Control Equipment	Raw Material	Rated Capacity	Construction Permit
EP-163	EU-163	Automated Line 1 – Booth 1 (1115 Purina)	CE-163: Dry Filters	Paint	4 guns @ 9.38 gal/hr each	22-A-302
EP-164	EU-164	Automated Line 2 – Booth 1 (1115 Purina)	CE-164: Dry Filters	Paint	4 guns @ 9.38 gal/hr each	22-A-303
EP-165	EU-165	Automated Line 2 – Booth 2 (1115 Purina)	CE-165: Dry Filters	Paint	4 guns @ 9.38 gal/hr each	22-A-304
EP-166	EU-166	Manual Paint Booth (1115 Purina)	CE-166: Dry Filters	Paint	1 gun @ 14.06 gal/hr	22-A-305

Applicable Requirements

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

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

Pollutant: Opacity
Emission Limit(s): 40%[(1)]
Authority for Requirement: DNR Construction Permits 22-A-302, 22-A-303, 22-A-304, 22-A-305
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 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 Permits 22-A-302, 22-A-303, 22-A-304 22-A-305
567 IAC 23.4(13)

Pollutant: Organic HAP
Emission Limit(s): 1.93 lb Organic HAP/gallon of solids
Authority for Requirement: DNR Construction Permits 22-A-302, 22-A-303, 22-A-304, 22-A-305
567 IAC 23.1(4)"cq"
40 CFR 63.4680

EP-166 Only
Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.15 lb/hr
Authority for Requirement: DNR Construction Permit 22-A-305

Combined Limit
Pollutant: VOC
Emission Limit(s): 39.4 tons/yr[(2)]
Authority for Requirement: DNR Construction Permits 22-A-302, 22-A-303, 22-A-304 22-A-305

[(2)] This emission limits is only applicable to the following permitted units: Automated Line 1 Booth #1 (EP-163), Automated Line 2 Booth #1 (EP-164), and Automated Line 2 Booth #2 (EP-165) and Manual Booth (EP-166). This limit does not apply to any other unit at this facility and cannot be relieved without PSD review.

Operational Limits & Reporting/Record keeping Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below. Records shall be kept on site for at least five years and shall be available for inspection by the Department.

VOC Emissions Limit Requirements for "Affected Units"

A. The facility shall maintain a log of all materials used in the following units: Automated Line 1 Booth #1 (1115 Purina) (EP-163), Automated Line 2 Booth #1 (1115 Purina) (EP-164), and Automated Line 2 Booth #2 (1115 Purina) (EP-165) and Manual Booth (1115 Purina) (EP-166). Note: These emission units will hereafter be referred to as the "affected units"/ The log shall contain the respective VOC content, in applicable units, of each material.
    a. The identification and amount (gallons) of each surface coating material (paint, primer, solvent, thinner, etc.) used in the surface coating operations for the affected units. For the purpose of calculating emissions for the affected units, all material may be considered emitted on the day they are delivered to the plant or are removed from storage (i.e., the facility may take credit for solvent recycled and reused at the facility).
B. The permittee (or owner or operator) shall maintain the following daily records:
    a. The identification of each VOC-containing material used in the "affected units".
    b. The amount, in gallons, of each VOC-containing material used in the "affected units". For the purpose of calculating emission from the "affected units", all materials may be considered emitted on the day they are delivered to the plant or removed from storage. In addition, the facility may take credit for solvent recycled and reused at the facility.
C. The permittee (or owner or operator) shall maintain the following monthly records:
    a. The identification of each VOC-containing material used in the "affected units".
    b. The amount, in gallons, of each VOC-containing material used in the "affected units". For the purpose of calculating emission from the "affected units", all materials may be considered emitted on the day they are delivered to the plant or removed from storage. In addition, the facility may take credit for solvent recycled and reused at the facility.

c. The emission rate (tons) of total VOCs from the "affected units" at the facility.
d. The 12-month rolling total of all VOCs emitted from the "affected units" at the facility in tons.

D. If the 12-month rolling total of the VOC emission from the "affected units" exceeds 31.5 tons, the permittee shall immediately begin keeping the following daily records:
   a. The total VOC emission (tons) from the "affected units" at this facility;
   b. The 365-day rolling total amount of VOC emissions from the "affected units" at this facility; and,
   c. If the cumulative total exceeds the VOC 12-month rolling limit listed in the "Emission Limits", above, at any time during the first 12 month of operation, the exceedance will be considered a violation of the rolling 12-month limit.

Daily calculations for VOC emissions shall continue until the 365-day rolling total of the amount of VOC emissions from the "affected units" drops below 31.5 tons for the remainder of the current calendar month plus one additional calendar month. At that time, rolling daily calculations of VOC emission will cease per condition D, above.

E. The owner or operator may take credit for any waste VOC shipped off-site. The owner or operator shall record the amount of waste shipped off-side, and also analyze the VOC content of the waste once every calendar year quarter. The sample analyzed shall be taken as a representative sample (as defined in 40 CFR 260.10) of the waste sent off-site for that quarter and shall be taken as a representative until the subsequent quarter's analysis is received. The credit (calculated from the most current analysis and amount shipped off-site) may be subtracted from the VOC rolling totals as of the date the waste is shipped off-site.

NESHAP Requirements (Subpart QQQQ)

F. The owner or operator shall limit organic HAP emission to the atmosphere as per the emission requirements of 40 CFR 63.4690.
G. The owner or operator shall demonstrate compliance with the NESHAP Subpart QQQQ emission limits of 40 CFR 63.4690 by following the compliance options detailed in 40 CFR 63.4691:
   a. The owner or operator shall record the compliance option it is using from 40 CFR 63.4691; and,
   b. Should the compliance option change, the owner or operator shall update the record and the date of the compliance option change.
H. The owner or operator shall demonstrate compliance with the NESHAP Subpart QQQQ requirements by following the procedures detailed in 40 CFR 63.4740, 40 CFR 63.4741, & 40 CFR 63.4742, or 40 CFR 63.4750, 40 CFR 63.4751 & 40 CFR 63.4752.
I. The owner or operator shall meet all the applicable notification requirements of 40 CFR 63.4710.
J. The owner or operator shall meet all the applicable reporting requirements of 40 CFR 63.4720.
K. The owner or operator shall meet all the applicable recordkeeping requirements of 40 CFR 63.4730 and 40 CFR 63.4731.
L. The owner or operator shall meet all general requirements for complying with NEHSAP Subpart QQQQ of 40 CFR 63.4700.

General Requirements

M. The owner or operator shall retain Safety Data Sheets (SDS) for all reagents, surface coating materials, solvents and other HAP and/or VOC-containing materials used at the facility (Plant Number 31-01-061).

N. The facility shall maintain a log of all maintenance and inspections 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 22-A-302, 22-A-303, 22-A-304, 22-A-305
567 IAC 23.1(4)"cq"
40 CFR 63 Subpart QQQQ

Emission Point Characteristics

Each emission point shall conform to the specifications listed below.

Stack Height, (ft., from the ground): 38.67
Stack Opening, (inches, dia.): 16, 42 (EP-166 only)
Exhaust Flow Rate (scfm): 5300, 20,000 (EP-166 only)
Exhaust Temperature (°F): Building Ambient
Discharge Style: Vertical Unobstructed
Authority for Requirement: DNR Construction Permits 22-A-302, 22-A-303, 22-A-304, 22-A-305

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

Monitoring Requirements

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

Agency Approved Operation & Maintenance Plan Required? **Yes** ☒ **No** ☐
Agency O&M for EP-166 only

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

Compliance Assurance Monitoring (CAM) Plan Required? **Yes** ☒ **No** ☐
CAM plan is required for EP-163, EP-164, and EP-165

Authority for Requirement: 567 IAC 22.108(3)

Agency Paint Booth Operational & Maintenance Plan
EP-166

Weekly

- Inspect the paint booth system, EP-166, 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 for EP-166 will be operated and maintained according to the manufacturers' recommendations.

Authority for Requirement: 567 IAC 22.108(3)

Compliance Assurance Monitoring Plan

EP-163, EP-164, EP-165

I. Background

Facility: Eagle Window and Door, Inc.
2045 Kerper Blvd.
Dubuque, IA 52001

Equipment Location: 1115 Purina Drive
Dubuque, IA 52001

A. Emission Units

Identification	Description
EU-163	Automated Line 1 – Booth 1 (1115 Purina)
EU-164	Automated Line 2 – Booth 1 (1115 Purina)
EU-165	Automated Line 2 – Booth 2 (1115 Purina)

B. Applicable Regulation, Emission Limit, and Monitoring Requirements

Emission Point	Regulation	Opacity	PM	VOC
EP-163	567 IAC 23.3(2)"d"	40%		
	567 IAC 23.4(13)		0.01 gr/dscf	
	DNR Construction Permit 22-A-302			39.4 ton/yr
EP-164	567 IAC 23.3(2)"d"	40%		
	567 IAC 23.4(13)		0.01 gr/dscf	
	DNR Construction Permit 22-A-303			39.4 ton/yr
EP-165	567 IAC 23.3(2)"d"	40%		
	567 IAC 23.4(13)		0.01 gr/dscf	
	DNR Construction Permit 22-A-304			39.4 ton/yr

C. Control Technology

Emission Point	Control Equipment	Description
EU-163	CE-163	Dry Filters
EU-164	CE-164	Dry Filters
EU-165	CE-165	Dry Filters

I. Monitoring Approach

A. The key elements of the monitoring approach are presented in Table A. The selected performance indicators are conditions of the filters and visible emissions from the exhaust stacks. The paint filters are inspected to confirm that they are in good working order. An observation of visible emissions could indicate a decrease in the performance of the filter and in increase in particulate emissions.

B. General Monitoring Guidelines

a. CAM involves the observation of control equipment compliance indicators. This plan defines acceptable ranges for these indicators. CAM also includes control equipment maintenance and inspections.

b. Monitoring is not required during periods of time greater than one day in which the source does not operate.

c. If weather prevents visible emissions monitoring, the observer will note the weather conditions on the form used to record monitoring. If an observation is necessary to meet the required monitoring, at least three attempts will be made to retake the observation throughout the day. If unsuccessful that day due to weather, an observation will be made the next day the weather permits.

C. Excursion from Compliance Indicators

a. An excursion occurs when an observed compliance indicator is outside of its defined acceptable range during normal operations, not including startup and shutdown events. An excursion does not necessarily indicate a violation of applicable permit terms, conditions, and/or requirements.

b. Corrective actions will begin as soon as possible, but no later than eight hours from the observation of the excursion. Abnormal conditions discovered through equipment inspection and maintenance also require implementation of remediation within eight hours.

c. Corrective action will result in one of the following:

- If corrective actions return the process and control equipment operations to normal, the excursion does not result in a monitoring deviation.
- If corrective actions do not return the compliance indicator to its defined acceptable indicator range within 8 hours, then the event will be recorded as a deviation.

Table A – Monitoring Approach

Indicator	**Indicator #1**	**Indicator #2**
	Paint Filter Condition	Visible Emissions
A. Measurement Approach	The paint filters will be visually inspected daily.	Visible Emissions from filter exhaust will be monitored. The observation is made at the emission point.
B. Indicator Range	An excursion is defined as blocked, dirty, or clogged filters, filters with excessive overspray build-up, or damaged filters. Excursions trigger replacement and/or maintenance, as necessary.	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 EPA Method 22).
C. Data Representativeness	An excursion could indicate a decrease in performance of the filters and potentially an increase in particulate emissions if corrective actions are not initiated.	An observation of visible emissions could indicate a decrease in the performance of the filters and potentially an increase in particulate emissions if corrective actions are not initiated.
D. Verification of Operational Status	Eagle will maintain a log of the inspection, any excursions from the acceptable conditions, and any corrective actions (including replacement and/or maintenance of the filters), as applicable. Records will be kept for five years and available upon request.	Eagle will maintain logs of daily visible emissions observations. Eagle will record any corrective actions resulting from visible emissions observations, (including inspections and maintenance of the filters), as applicable. Records will be kept for five years and available upon request.

Indicator	Indicator #1	Indicator #2
E. QA/QC Practices and Criteria	The observer will be trained to perform inspections.	The observer will be trained to detect visible emissions.
F. Monitoring Frequency	The paint filters will be inspected daily when the paint booths are operating.	No visible emissions (NVE) observations are made at the emission point on a daily basis.
G. Data Collection Procedures	Inspections will be recorded daily and maintained on the facility's intranet or recorded manually and maintained in the facility's files.	Results of NVE observations will be recorded on appropriate forms (either electronic or paper format).

Emission Point ID Number: EP-167, EP-168

Associated Equipment

Emission Point	Emission Unit	Emission Unit Description	Control Equipment	Raw Material	Rated Capacity	Construction Permit
EP-167	EU-167	Denibber 1 (1115 Purina)	CE-167: Cyclone with Bag Filters	Wood	72 ft/min	22-A-306
EP-168	EU-168	Denibber 2 (1115 Purina)	CE-167: Cyclone with Bag Filters	Wood	72 ft/min	22-A-307

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: DNR Construction Permits 22-A-306, 22-A-307
567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM)
Emission Limit(s): 0.24 lb/hr, 0.1 gr/dscf
Authority for Requirement: DNR Construction Permits 22-A-306, 22-A-307
567 IAC 23.3(2)"a"

Operational Limits & Reporting/Record keeping Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below. Records shall be kept on site for at least five years and shall be available for inspection by the Department.

A. The facility shall maintain a log of all maintenance and inspection activities performed on the control equipment (Cyclones and attached Bag Filters, CE-167 and CE-168). 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 Permit 22-A-306, 22-A-307

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

Stack Height, (ft., from the ground): Indoor Vented
Stack Opening, (inches, dia.): Indoor Vented
Exhaust Flow Rate (scfm): 5,600
Exhaust Temperature (°F): Building Ambient
Discharge Style: Indoor Vented
Authority for Requirement: DNR Construction Permit 22-A-306, 22-A-307

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

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

Agency Approved 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-170

Associated Equipment

Emission Unit	Emission Unit Description	Control Equipment	Raw Material	Rated Capacity	Construction Permit
EU-170	Woodworking Equipment, Glass Stop, and Ex Jamb	CE-170: Cyclone with Bag Filter	Wood	1,750 ft/hr	23-A-161

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 23-A-161
567 IAC 23.3(2)"d"

[(1)] An exceedance of the indicator opacity of "*no visible emissions*" outside the building 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 (PM)
Emission Limit(s): 0.34 lb/hr, 0.1 gr/dscf
Authority for Requirement: DNR Construction Permit 23-A-161
567 IAC 23.3(2)"a"(1)

Operational Limits & Reporting/Record keeping Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below. Records shall be kept on site for at least five years and shall be available for inspection by the Department.

A. The owner or operator shall operate a maximum of 20 pickup points venting through the Cyclone with Bag Filter Assembly (CE-170).
   (1) The owner or operator shall maintain updated records of the number of pickup points venting through the Cyclone with Bag Filter Assembly (CE-170).
   (2) The owner or operator shall operate all pickup points simultaneously during any required stack test.
B. The owner or operator shall operate, inspect, and maintain the control equipment covered by this permit according to the manufacturer's specifications and instructions.
   (1) The owner or operator shall keep a log of all maintenance and inspection activities performed on the control equipment covered by this permit. At a minimum, this log shall include any issues identified during inspection and maintenance activities, the date each issue was resolved, and the identification of the staff member performing the maintenance or inspection.

Authority for Requirement: DNR Construction Permit 23-A-161

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

Stack Height, (ft., from the ground): Indoor Vented
Stack Opening, (inches, dia.): Indoor Vented
Exhaust Flow Rate (scfm): 8,000
Exhaust Temperature (°F): 68
Discharge Style: Indoor Vented
Authority for Requirement: DNR Construction Permit 23-A-161

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

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

Agency Approved 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 A: Links to NESHAP Rules

A. 40 CFR 63 Subpart A – General Provisions.
https://www.ecfr.gov/current/title-40/chapter-I/subchapter-C/part-63/subpart-A

B. 40 CFR 63 Subpart MMMM – National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products.
https://www.ecfr.gov/current/title-40/chapter-I/subchapter-C/part-63/subpart-MMMM

C. 40 CFR 63 Subpart QQQQ – National Emission Standards for Hazardous Air Pollutants for Surface Coating of Wood Building Products.
https://www.ecfr.gov/current/title-40/chapter-I/subchapter-C/part-63/subpart-QQQQ

D. 40 CFR 63 Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.
https://www.ecfr.gov/current/title-40/chapter-I/subchapter-C/part-63/subpart-ZZZZ