

**Iowa Department of Natural Resources
Title V Operating Permit**

Name of Permitted Facility: CURRIES Division of AADG, Inc.
Facility Location: 1500 12th Street NW, Mason City, IA 50401
Air Quality Operating Permit Number: 00-TV-032R4
Expiration Date: 04/08/2029
Permit Renewal Application Deadline: 10/08/2028

EIQ Number: 92-6755
Facility File Number: 17-01-087

Responsible Official

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Title: General Manager
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Permit Contact Person for the Facility

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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

4/9/2024

Marnie Stein, Supervisor of Air Operating Permits Section

Date

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Abbreviations

acfm.....	actual cubic feet per minute
CFR.....	Code of Federal Regulation
CE	control equipment
CEM.....	continuous emission monitor
°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: CURRIES Division of AADG, Inc.

Permit Number: 00-TV-032R4

Facility Description: Metal Doors, Sash, Frames, Molding, and Trim Manufacturing (SIC 3442)

Equipment List

Emission Point Number	Emission Unit Number	Emission Unit Description	DNR Construction Permit Number
17	17	Ready Set Cure Oven (0.8 MMBtu/hr)	-
C9-01-1	C9-01-1	CURRIStain Spray Booth #2 (Stain)	01-A-714-S5
C9-07-1	C9-07-1	CURRIStain Spray Booth #1 (Primer)	07-A-1266-S2
C9-07-2	C9-07-2	CURRIStain Spray Booth #3 (Sealer/Topcoat)	07-A-1267-S2
C9-12-1	C9-12-1	Door Skin Adhesive Cure Oven	12-A-312
C9-12-2	C9-12-2	Door Hand Paint Booth	12-A-334-S1
C9-13-2	C9-13-2	Application of Body Putty	-
C9-94-2	C9-94-2	Door Washer Process Burner #1 (Stage 1) (2 MMBtu/hr)	-
C9-94-5	C9-94-5	Door Skin Adhesive Booth (D2 Cell)	97-A-562-S4
C9-94-12	C9-94-12	Core Adhesive Booth #1	90-A-029-S5
C9-94-13	C9-94-13	Core Adhesive Booth #2	97-A-565-S4
C9-94-18	C9-94-18	Adhesive Electric Cure Oven #1 (D2 Cell)	97-A-569-S4
C9-96-6	C9-96-6	Adhesive Booth (D1 Cell)	97-A-571-S5
C9-98-2	C9-98-2	Adhesive Rollcoater	04-A-1030-S4
C12-03-1	C12-03-1	Line 2 Washer Burner #1 (Stage 1) (3.6 MMBtu/hr)	-
C12-03-2	C12-03-2	Line 2 Washer Burner #2 (Stage 3) (2.5 MMBtu/hr)	-
C12-03-3	C12-03-3	Line #2 Frame Dry-Off Oven (2.0 MMBtu/hr)	02-A-860-S1
C12-20-1	C12-20-1	Frame Dry Off Oven	20-A-364
C12-03-4	C12-E03-4	Door Paint Reciprocator #1	02-A-861-S8
C12-03-5	C12-E03-5	Frame Paint Touch Up Booth	02-A-862-S7
C12-03-5-a	C12-03-5-a	Door Aerobell Reciprocator #1	18-A-368-S2
C12-03-6	C12-03-6-a	Door Aerobell Reciprocator #2	02-A-863-S9
C12-03-7A	C12-03-7A	Door Paint Cure Oven (Exhaust #1)	02-A-864-S1
C12-03-7B	C12-03-7B	Door Paint Cure Oven (Exhaust #2)	02-A-865-S1
C12-03-7C	C12-03-7C	Door Paint Cure Oven (Exhaust #3)	02-A-866-S1
C12-93-6	C12-E93-6	Frame Paint Reciprocator #1 (Line 1)	93-A-328-S12
C12-93-7	C12-E93-7	Frame Paint Reciprocator #2 (Line 1)	93-A-329-S12
C12-93-9	C12-93-9	Frame Paint Bake Oven (#2 - East Exhaust)	93-A-331-S2
C12-93-10	C12-93-10	Frame Paint Bake Oven (#3 - West Exhaust)	00-A-1009-S1
C12-93-14	C12-93-14	Frame Paint Bake Oven (#1 - East Air Seal)	00-A-1010-S1
C12-93-15	C12-93-15	Frame Paint Bake Oven (#4 - East Air Seal)	00-A-1011-S1
C12-99-1	C12-99-1	Custom Fab Dust Collection	07-A-438-S2

Emission Point Number	Emission Unit Number	Emission Unit Description	DNR Construction Permit Number
C12-99-2	C12-99-2	Standard Aerosol Cans (All Production)	-
C12-PSR-1	C12-PSR-1	Paint Storage Room 1	-
C12-PSR-2	C12-PSR-2	Paint Storage Room 2	-
GEN1	GEN1	20 hp Natural Gas Engine – Emergency	-
GEN2	GEN2	201 hp Diesel Engine – Emergency	-

Insignificant Activities Equipment List

Insignificant Emission Unit Number	Insignificant Emission Unit Description
2	Air Turnover Units (1.25 MMBtu/hr) – Quantity 2
3	Air Turnover Units (3.75 MMBtu/hr) – Quantity 1
6	Office Boilers (0.962 MMBtu/hr) – Quantity 2
7	Paint Hook Cleaning Oven (0.3 MMBtu/hr)
8	Packaging Saw
9	Frame Parts Washer
11	Maintenance Parts Washer
12	Fugitive Welding Emissions (GMAW/E70S)
13	Fugitive Welding Emissions (SMAW)
14	Fire Core Table
15	Panel Saw
16	Aerosolv Unit
RSCO	Finn Power Lasers
DEN-1B	Densifier
DC01E	Dust Collector East Finishing
DC02W	Dust Collector West Finishing
1	Propane Storage Tank
4	Miscellaneous Grinding, Drilling, Cutting
UH66	Sealed Combustion Unit Heater (UH66)
F100	Controlled Pyrolysis Furnace
18	Make Up Air Unit (replace V19, Paint Storage Area)

II. Plant-Wide Conditions

Facility Name: CURRIES Division of AADG, Inc.
Permit Number: 00-TV-032R4

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

Permit Duration

The term of this permit is: 5 years.
Commencing on: 04/09/2024
Ending on: 04/08/2029

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 (SO₂): 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"

III. Emission Point-Specific Conditions

Facility Name: CURRIES Division of AADG, Inc.
Permit Number: 00-TV-032R4

Emission Point ID Number: 17

Associated Equipment

Associated Emission Unit ID Number: 17

Emission Unit vented through this Emission Point: 17
Emission Unit Description: Ready Set Cure Oven
Raw Material/Fuel: Natural Gas – Direct Fired
Rated Capacity: 0.8 MMBtu/hr

Applicable Requirements

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

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

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

Pollutant: Particulate Matter (PM) – State
Emission Limit(s): 0.1 gr./dscf
Authority for Requirement: 567 IAC 23.3(2)"a"

Pollutant: Sulfur Dioxide (SO₂)
Emission Limits: 500 ppmv
Authority for Requirement: 567 IAC 23.3(3)"e"

Operational Limits & Requirements

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

NESHAP Applicability

This unit is subject to the requirements of 40 CFR Part 63, Subpart M, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products (567 IAC 23.1(4) "cm"). In accordance with §63.3882, the facility meets the definition of an existing affected source that is used for surface coating of miscellaneous metal products. The unit is also subject to the applicable requirements of the General Provisions (§§ 63.1 through 63.15) per Table 2 to Part 63, Subpart M.

Authority for Requirement: 567 IAC 23.1(4) "cm"

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: C9-01-1

Associated Equipment

Associated Emission Unit ID Number: C9-01-1
Emissions Control Equipment ID Number: C9-01-1
Emissions Control Equipment Description: Dry Filter

Emission Unit vented through this Emission Point: C9-01-1
Emission Unit Description: CURRIStain Spray Booth #2
Raw Material/Fuel: Stain
Rated Capacity: 10.34 gal/hr

Applicable Requirements

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

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

Pollutant: Opacity

Emission Limit(s): 40% ⁽¹⁾

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

Authority for Requirement: DNR Construction Permit 01-A-714-S5
567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM) – State

Emission Limit: 0.01 gr/dscf

Authority for Requirement: DNR Construction Permit 01-A-714-S5
567 IAC 23.4(13)

Pollutant: Total Organic HAP

Emission Limit: 2.6 lbs HAP/gal of coating solids ⁽²⁾

⁽²⁾ In accordance with Subpart MMMM, §63.3890(b)(1), HAP emissions must not exceed 2.6 lb organic HAP/gal coating solids for general use coatings. The standard is determined as a rolling 12-month emission rate according to the requirements of §63.3940, §63.3941, and §63.3942 if using the Compliant Material Option or §63.3950, §63.3951, and §63.3952 if using the Emission Rate Without Add-on Controls Option.

Authority for Requirement: DNR Construction Permit 01-A-714-S5
567 IAC 23.1(4)"cm"

Operating Limits with Associated Monitoring and Recordkeeping

All records as required by this permit shall be available on-site for a minimum of five years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The owner or operator shall operate, inspect, and maintain the equipment described in this permit according to the manufacturer's specifications and instructions.
 - (1) The owner or operator shall keep a copy of the manufacturer's specifications and instructions and a log of all maintenance and inspection activities performed on the equipment described in this permit. At a minimum, this log shall include:
 - (a) The date that any inspection and/or maintenance was performed on the equipment;
 - (b) Any issues identified during the inspection;
 - (c) Any issues addressed during the maintenance activities and the date each issue was resolved; and
 - (d) Identification of the staff member performing the maintenance or inspection.
- B. Only one spray gun may be operated at any given time during the operation of this booth.
- C. The VOC content of any coating material (i.e. primer, stain, sealer, topcoat, and solvent) used in EU C9-01-1, EU C9-07-1, and EU C9-07-2 shall not exceed 7.0 pounds per gallon.
- D. The total amount of coating material (i.e. primer, stain, sealer, topcoat, and solvent) used in EU C9-01-1, EU C9-07-1, and EU C9-07-2 shall not exceed 3000 gallons in any rolling 12-month period.
- E. The owner or operator shall maintain the following monthly records:
 - (1) The identification, the VOC content, the HAP content, and the amount (gallons) of each coating material used in EU C9-01-1, EU C9-07-1, and EU C9-07-2.
 - (2) The total amount of coating material used in in EU C9-01-1, EU C9-07-1, and EU C9-07-2.
 - (3) The rolling, 12-month total amount of coating material used in in EU C9-01-1, EU C9-07-1, and EU C9-07-2.
- F. The owner or operator shall meet all the applicable requirements of 40 CFR Part 63 Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Surface Coating of Miscellaneous Metal Parts and Products.
- G. The owner or operator shall follow either compliance option (a) (Compliant Material Option) or compliance option (b) (Emission Rate Without Add-on Controls Option) from §63.3891 to show compliance with applicable emission limit in §63.3890. The permittee is not required to meet any work practice standards in accordance with §63.3893 (a).
- H. The owner or operator shall:
 - (1) Submit the necessary notifications in accordance with §63.3910.
 - (2) Submit the necessary reports in accordance with §63.3920.
 - (3) Maintain the necessary records in accordance with § 63.3930 and § 63.3931.

- I. The owner or operator shall comply with the requirements in §63.3940, §63.3941, and §63.3942 if using the Compliant Material Option, or with the requirements in §63.3950, §63.3951, and §63.3952 if using the Emission Rate Without Add-on Controls Option.

Authority for Requirement: DNR Construction Permit 01-A-714-S5

NESHAP Applicability

This unit is subject to the requirements of 40 CFR Part 63, Subpart Mmmm, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products (567 IAC 23.1(4)"cm"). In accordance with §63.3882, the facility meets the definition of an existing affected source that is used for surface coating of miscellaneous metal products. The unit is also subject to the applicable requirements of the General Provisions (§§ 63.1 through 63.15) per Table 2 to Part 63, Subpart Mmmm.

Authority for Requirement: DNR Construction Permit 01-A-714-S5

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 30

Stack Opening, (inches, dia.): 24

Exhaust Flow Rate (scfm): 9,600

Exhaust Temperature (°F): 68

Discharge Style: Vertical Unobstructed

Authority for Requirement: DNR Construction Permit 01-A-714-S5

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

Spray Booth Filter Agency Operation & 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.

Recordkeeping 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: C9-07-1

Associated Equipment

Associated Emission Unit ID Number: C9-07-1
Emissions Control Equipment ID Number: C9-07-1
Emissions Control Equipment Description: Dry Filter

Emission Unit vented through this Emission Point: C9-07-1
Emission Unit Description: CURRIStain Spray Booth #1
Raw Material/Fuel: Primer
Rated Capacity: 8.46 gal/hr

Applicable Requirements

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

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

Pollutant: Opacity

Emission Limit(s): 40%⁽¹⁾

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

Authority for Requirement: DNR Construction Permit 07-A-1266-S2
567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM) – State

Emission Limit(s): 0.01 gr/dscf

Authority for Requirement: DNR Construction Permit 07-A-1266-S2
567 IAC 23.4(13)

Pollutant: Total Organic HAP

Emission Limit(s): 2.6 lbs HAP/gal of coating solids⁽²⁾

⁽²⁾ HAP emissions must not exceed 2.6 lbs/ gal coating solids for general use coatings. The standard is determined based on the materials used during each 12-month compliance period.

Authority for Requirement: DNR Construction Permit 07-A-1266-S2
567 IAC 23.1(4)"cm"

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be available on-site for a minimum of five years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The owner or operator shall operate, inspect, and maintain the equipment described in this permit according to the manufacturer's specifications and instructions.
 - (1) The owner or operator shall keep a copy of the manufacturer's specifications and instructions and a log of all maintenance and inspection activities performed on the equipment described in this permit. At a minimum, this log shall include:
 - (a) The date that any inspection and/or maintenance was performed on the equipment;
 - (b) Any issues identified during the inspection;
 - (c) Any issues addressed during the maintenance activities and the date each issue was resolved; and
 - (d) Identification of the staff member performing the maintenance or inspection.
- B. Only one spray gun may be operated at any given time during the operation of this booth.
- C. The VOC content of any coating material (i.e. primer, stain, sealer, topcoat, and solvent) used in EU C9-01-1, EU C9-07-1, and EU C9-07-2 shall not exceed 7.0 pounds per gallon.
- D. The total amount of coating material (i.e. primer, stain, sealer, topcoat, and solvent) used in EU C9-01-1, EU C9-07-1, and EU C9-07-2 shall not exceed 3000 gallons in any rolling 12-month period.
- E. The owner or operator shall maintain the following monthly records:
 - (1) The identification, the VOC content, the HAP content, and the amount (gallons) of each coating material used in EU C9-01-1, EU C9-07-1, and EU C9-07-2.
 - (2) The total amount of coating material used in in EU C9-01-1, EU C9-07-1, and EU C9-07-2.
 - (3) The rolling, 12-month total amount of coating material used in in EU C9-01-1, EU C9-07-1, and EU C9-07-2.
- F. The owner or operator shall meet all the applicable requirements of 40 CFR Part 63 Subpart MMMM, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Surface Coating of Miscellaneous Metal Parts and Products.
- G. The owner or operator shall follow either compliance option (a) (Compliant Material Option) or compliance option (b) (Emission Rate Without Add-on Controls Option) from §63.3891 to show compliance with applicable emission limit in §63.3890. The permittee is not required to meet any work practice standards in accordance with §63.3893 (a).
- H. The owner or operator shall:
 - (4) Submit the necessary notifications in accordance with §63.3910.
 - (5) Submit the necessary reports in accordance with §63.3920.
 - (6) Maintain the necessary records in accordance with § 63.3930 and § 63.3931.
- I. The owner or operator shall comply with the requirements in §63.3940, §63.3941, and §63.3942 if using the Compliant Material Option, or with the requirements in §63.3950, § 63.3951, and §63.3952 if using the Emission Rate Without Add-on Controls Option.

Authority for Requirement: DNR Construction Permit 07-A-1266-S2

NESHAP Applicability

This unit is subject to the requirements of 40 CFR Part 63, Subpart M, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products (567 IAC 23.1(4) "cm"). In accordance with §63.3882, the facility meets the definition of an existing affected source that is used for surface coating of miscellaneous metal products. The unit is also subject to the applicable requirements of the General Provisions (§§ 63.1 through 63.15) per Table 2 to Part 63, Subpart M.

Authority for Requirement: DNR Construction Permit 07-A-1266-S2

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 30

Stack Opening, (inches, dia.): 36

Exhaust Flow Rate (scfm): 9,350

Exhaust Temperature (°F): 68

Discharge Style: Vertical Unobstructed

Authority for Requirement: DNR Construction Permit 07-A-1266-S2

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

Spray Booth Filter Agency Operation & Maintenance Plan

Weekly

- Inspect the spray 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.

Recordkeeping 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: C9-07-2

Associated Equipment

Associated Emission Unit ID Number: C9-07-2
Emissions Control Equipment ID Number: C9-07-2
Emissions Control Equipment Description: Filter

Emission Unit vented through this Emission Point: C9-07-2
Emission Unit Description: CURRIStain Spray Booth #3
Raw Material/Fuel: Sealer/Topcoat
Rated Capacity: 0.34 gal/hr

Applicable Requirements

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

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

Pollutant: Opacity

Emission Limit(s): 40%⁽¹⁾

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

Authority for Requirement: DNR Construction Permit 07-A-1267-S2
567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM)

Emission Limit(s): 0.01 gr/dscf

Authority for Requirement: DNR Construction Permit 07-A-1267-S2
567 IAC 23.4(13)

Pollutant: Total HAP

Emission Limit(s): 2.6 lbs HAP/gal of coating solids⁽³⁾

⁽³⁾ HAP emissions must not exceed 2.6 lbs/ gal coating solids for general use coatings. The standard is determined based on the materials used during each 12-month compliance period.

Authority for Requirement: DNR Construction Permit 07-A-1267-S2
567 IAC 23.1(4)"cm"

Operating Requirements with Associated Monitoring and Recordkeeping

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

All records as required by this permit shall be available on-site for a minimum of five years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The owner or operator shall operate, inspect, and maintain the equipment described in this permit according to the manufacturer's specifications and instructions.
 - (1) The owner or operator shall keep a copy of the manufacturer's specifications and instructions and a log of all maintenance and inspection activities performed on the equipment described in this permit. At a minimum, this log shall include:
 - (a) The date that any inspection and/or maintenance was performed on the equipment;
 - (b) Any issues identified during the inspection;
 - (c) Any issues addressed during the maintenance activities and the date each issue was resolved; and
 - (d) Identification of the staff member performing the maintenance or inspection.
- B. Only one spray gun may be operated at any given time during the operation of this booth.
- C. The VOC content of any coating material (i.e. primer, stain, sealer, topcoat, and solvent) used in EU C9-01-1, EU C9-07-1, and EU C9-07-2 shall not exceed 7.0 pounds per gallon.
- D. The total amount of coating material (i.e. primer, stain, sealer, topcoat, and solvent) used in EU C9-01-1, EU C9-07-1, and EU C9-07-2 shall not exceed 3,000 gallons in any rolling 12-month period.
- E. The owner or operator shall maintain the following monthly records:
 - (1) The identification, the VOC content, the HAP content, and the amount (gallons) of each coating material used in EU C9-01-1, EU C9-07-1, and EU C9-07-2.
 - (2) The total amount of coating material used in in EU C9-01-1, EU C9-07-1, and EU C9-07-2.
 - (3) The rolling, 12-month total amount of coating material used in in EU C9-01-1, EU C9-07-1, and EU C9-07-2.
- F. The owner or operator shall meet all the applicable requirements of 40 CFR Part 63 Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Surface Coating of Miscellaneous Metal Parts and Products.
- G. The owner or operator shall follow either compliance option (a) (Compliant Material Option) or compliance option (b) (Emission Rate Without Add-on Controls Option) from §63.3891 to show compliance with applicable emission limit in §63.3890. The permittee is not required to meet any work practice standards in accordance with §63.3893 (a).

- H. The owner or operator shall:
- (1) Submit the necessary notifications in accordance with §63.3910.
 - (2) Submit the necessary reports in accordance with §63.3920.
 - (3) Maintain the necessary records in accordance with § 63.3930 and § 63.3931.
- I. The owner or operator shall comply with the requirements in §63.3940, §63.3941, and §63.3942 if using the Compliant Material Option, or with the requirements in §63.3950, § 63.3951, and §63.3952 if using the Emission Rate Without Add-on Controls Option.

Authority for Requirement: DNR Construction Permit 07-A-1267-S2

NESHAP Applicability

This unit is subject to the requirements of 40 CFR Part 63, Subpart Mmmm, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products (567 IAC 23.1(4) "cm"). In accordance with §63.3882, the facility meets the definition of an existing affected source that is used for surface coating of miscellaneous metal products. The unit is also subject to the applicable requirements of the General Provisions (§§ 63.1 through 63.15) per Table 2 to Part 63, Subpart Mmmm.

Authority for Requirement: DNR Construction Permit 07-A-1267-S2

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 30

Stack Opening, (inches, dia.): 36

Exhaust Flow Rate (scfm): 9,350

Exhaust Temperature (°F): 68

Discharge Style: Vertical Unobstructed

Authority for Requirement: DNR Construction Permit 07-A-1267-S2

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

Spray Booth Filter Agency Operation & Maintenance Plan

Weekly

- Inspect the spray 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.

Recordkeeping 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: C9-12-1

Associated Equipment

Associated Emission Unit ID Numbers: C9-12-1

Emission Unit vented through this Emission Point: C9-12-1
Emission Unit Description: Door Skin Adhesive Cure Oven (D1 Cell)
Raw Material/Fuel: Halogen Heat
Rated Capacity: 4.82 gal/hr

Applicable Requirements

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

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

Pollutant: Opacity

Emission Limit(s): 40%⁽¹⁾

⁽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).

Authority for Requirement: DNR Construction Permit 12-A-312
567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM) – State

Emission Limit(s): 0.1 gr/dscf

Authority for Requirement: DNR Construction Permit 12-A-312
567 IAC 23.3(2)"a"

Pollutant: Total HAP

Emission Limit(s): 0.31 kg/l⁽²⁾

⁽²⁾ Per 40 CFR §63.3890(b)(1), each existing general use coating affected source is limited to organic hazardous air pollutant (HAP) emissions of no more than 0.31 kg (2.6 lb) organic HAP per liter (gal) coating solids used during each 12-month compliance period.

Authority for Requirement: DNR Construction Permit 12-A-312
567 IAC 23.1(4)"cm"

Operational Limits & Requirements

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

Operating Limits:

- A. This emission unit is subject to all applicable operating limits set forth in NESHAP Subparts A (40 CFR §63.1 – 40 CFR §63.15) and MMMM (40 CFR §63.3880 – 40 CFR §63.3981).

Reporting and Recordkeeping:

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the DNR. Records shall be legible and maintained in an orderly manner. These records shall show the following:

- B. All applicable recordkeeping and monitoring set forth in NESHAP Subparts A (40 CFR §63.1 – 40 CFR §63.15) and MMMM (40 CFR §63.3880 – 40 CFR §63.3981).

Authority for Requirement: DNR Construction Permit 12-A-312

NESHAP Applicability

This unit is subject to the requirements of 40 CFR Part 63, Subpart MMMM, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products (567 IAC 23.1(4) "cm"). In accordance with §63.3882, the facility meets the definition of an existing affected source that is used for surface coating of miscellaneous metal products. The unit is also subject to the applicable requirements of the General Provisions (§§ 63.1 through 63.15) per Table 2 to Part 63, Subpart MMMM.

Authority for Requirement: DNR Construction Permit 12-A-312

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 30
Stack Opening, (inches, dia.): 4
Exhaust Flow Rate (scfm): 600
Exhaust Temperature (°F): 120
Discharge Style: Vertical Unobstructed
Authority for Requirement: DNR Construction Permit 12-A-312

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: C9-12-2

Associated Equipment

Associated Emission Unit ID Number: C9-12-2
Emissions Control Equipment ID Number: C9-12-2
Emissions Control Equipment Description: Dry Filters

Emission Unit vented through this Emission Point: C9-12-2
Emission Unit Description: Door Hand Paint Booth
Raw Material/Fuel: Paint and Solvents
Rated Capacity: 0.21 gal/hr

Applicable Requirements

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

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

Pollutant: Opacity

Emission Limit(s): 40%⁽¹⁾

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

Authority for Requirement: DNR Construction Permit 12-A-334-S1
567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM) – State

Emission Limit(s): 0.01 gr./dscf

Authority for Requirement: DNR Construction Permit 12-A-334-S1
567 IAC 23.4(13)

Pollutant: Volatile Organic Compounds (VOC)

Emission Limit(s): 4.32 ton/yr

Authority for Requirement: DNR Construction Permit 12-A-334-S1

Pollutant: Total HAP

Emission Limit(s): 0.31 kg/l⁽²⁾

⁽²⁾ Per 40 CFR §63.3890(b)(1), each existing general use coating affected source is limited to organic hazardous air pollutant (HAP) emissions of no more than 0.31 kg organic HAP per liter coating solids (2.6 lbs/gal) used during each 12-month compliance period.

Authority for Requirement: DNR Construction Permit 12-A-334-S1
567 IAC 23.1(4)"cm"

Operational Limits & Requirements

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

Operating Limits:

- A. The VOC content of the standard primer used in this spray booth, C9-12-2, shall not exceed 3.9 pounds per gallon.
- B. The VOC content of other coatings, not including the standard primer coating, used in this spray booth shall not exceed 5.1 pounds per gallon.
- C. The VOC content of any solvent used in this spray booth shall not exceed 8.0 pounds per gallon.
- D. The total quantity of standard primer used in this emissions unit shall not exceed 1000 gallons in any rolling 12-month period.
- E. The total quantity of other coatings, not including the standard primer coating, used in this emissions unit shall not exceed 575 gallons in any rolling 12-month period.
- F. The total quantity of solvent used in this emissions unit shall not exceed 225 gallons in any rolling 12-month period.

Reporting and Recordkeeping:

- A. The permittee shall maintain the following monthly records:
 - i. The identification, the VOC content, and the HAP content of each coating and solvent used in this emissions unit;
 - ii. The total amount of standard primer used in this emissions unit (gallons);
 - iii. The total amount of other coatings (not including standard primer) used in this emissions unit (gallons);
 - iv. The total amount of solvent used in this emissions unit (gallons);
 - v. The rolling, 12-month total of the amount of standard primer used in this emissions unit (gallons);
 - vi. The rolling, 12-month total of the amount of other coatings (not including standard primer) used in this emissions unit (gallons); and
 - vii. The rolling, 12-month total of the amount of solvent used in this emissions unit (gallons).
- B. The permittee shall comply with all applicable recordkeeping and monitoring requirements as set forth in §63.3930 and §63.3931.
- C. The permittee shall submit all required notification and reports as set forth in §63.3910 and §63.3920.
- D. The permittee shall show compliance with the emission limitation for organic HAPs in accordance with §63.3951 and §63.3952.

Authority for Requirement: DNR Construction Permit 12-A-334-S1

NESHAP Applicability

This unit is subject to the requirements of 40 CFR Part 63, Subpart M, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products (567 IAC 23.1(4) "cm"). In accordance with §63.3882, the facility meets the definition of an existing affected source that is used for surface coating of miscellaneous metal products. The unit is also subject to the applicable requirements of the General Provisions (§§ 63.1 through 63.15) per Table 2 to Part 63, Subpart M.

Authority for Requirement: DNR Construction Permit 12-A-334-S1

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 37

Stack Opening, (inches, dia.): 40

Exhaust Flow Rate (scfm): 17,500

Exhaust Temperature (°F): 70

Discharge Style: Vertical Unobstructed

Authority for Requirement: DNR Construction Permit 12-A-334-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

Spray Booth Filter Agency Operation & Maintenance Plan

Weekly

- Inspect the spray 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.

Recordkeeping 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: C9-13-2 (vents internally)

Associated Equipment

Associated Emission Unit ID Number: C9-13-2

Emission Unit vented through this Emission Point: C9-13-2

Emission Unit Description: Application of Body Putty

Raw Material/Fuel: Putty

Rated Capacity: 65.7 pieces/hr

Applicable Requirements

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

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

No applicable requirements at this time.

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: C9-94-2

Associated Equipment

Associated Emission Unit ID Number: C9-94-2

Emission Unit vented through this Emission Point: C9-94-2
Emission Unit Description: Door Washer Process Burner #1 (Stage 1)
Raw Material/Fuel: Natural Gas
Rated Capacity: 2 MMBtu/hr

Applicable Requirements

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

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

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

Pollutant: Particulate Matter (PM) – State
Emission Limit(s): 0.1 gr/dscf
Authority for Requirement: 567 IAC 23.3(2)"a"(1)

Pollutant: Sulfur Dioxide (SO₂)
Emission Limits: 500 ppmv
Authority for Requirement: 567 IAC 23.3(3)"e"

Operational Limits & Requirements

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

NESHAP Applicability

This unit is subject to the requirements of 40 CFR Part 63, Subpart M, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products (567 IAC 23.1(4) "cm"). In accordance with §63.3882, the facility meets the definition of an existing affected source that is used for surface coating of miscellaneous metal products. The unit is also subject to the applicable requirements of the General Provisions (§§ 63.1 through 63.15) per Table 2 to Part 63, Subpart M.

Authority for Requirement: 567 IAC 23.1(4) "cm"

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: C9-94-5

Associated Equipment

Associated Emission Unit ID Number: C9-94-5
Emissions Control Equipment ID Number: C9-94-5CE
Emissions Control Equipment Description: Dry Filters

Emission Unit vented through this Emission Point: C9-94-5
Emission Unit Description: Door Skin Adhesive Booth (D2 Cell)
Raw Material/Fuel: Adhesive
Rated Capacity: 1.5 gal/hr

Applicable Requirements

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

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

Pollutant: Opacity

Emission Limit(s): 40%⁽¹⁾

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

Authority for Requirement: DNR Construction Permit 97-A-562-S4
567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM) – State

Emission Limit(s): 0.01 gr./dscf

Authority for Requirement: DNR Construction Permit 97-A-562-S4
567 IAC 23.4(13)

Pollutant: Total Organic HAP

Emission Limit(s): 2.6 lbs HAP/gal⁽²⁾

⁽²⁾ In accordance with Subpart MMMM, §63.3890(b)(1), HAP emissions must not exceed 2.6 lb organic HAP/gal coating solids for general use coatings. The standard is determined as a rolling 12-month emission rate according to the requirements of §63.3940, §63.3941, and §63.3942 if using the Compliant Material Option or §63.3950, §63.3951, and §63.3952 if using the Emission Rate Without Add-on Controls Option.

Authority for Requirement: DNR Construction Permit 97-A-562-S4
567 IAC 23.1(4)"cm"

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be available on-site for a minimum of five years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The owner or operator shall operate, inspect, and maintain the equipment described in this permit according to the manufacturer's specifications and instructions.
- (1) The owner or operator shall keep a copy of the manufacturer's specifications and instructions and a log of all maintenance and inspection activities performed on the equipment described in this permit. At a minimum, this log shall include:
 - (a) The date that any inspection and/or maintenance was performed on the equipment;
 - (b) Any issues identified during the inspection;
 - (c) Any issues addressed 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 VOC content of the adhesives used in the Door Skin Adhesive Booth – D2 Cell (C9-94-5) and the Adhesive Electric Cure Oven #1, D2 Cell (C9-94-EU18) shall not exceed 0.70 pounds per gallon.
- C. The total quantity of adhesives used in the Door Skin Adhesive Booth – D2 Cell (C9-94-5) and the Adhesive Electric Cure Oven #1, D2 Cell (C9-94-EU18), shall not exceed 8,000 gallons in any rolling 12-month period.
- D. The owner or operator shall maintain the following monthly records:
 - (1) The identification, the VOC content, the HAP content, and the amount (gallons) of each adhesive used in the Door Skin Adhesive Booth – D2 Cell (C9-94-5) and the Adhesive Electric Cure Oven #1, D2 Cell (C9-94-EU18).
 - (2) The total amount of adhesive used in the Door Skin Adhesive Booth – D2 Cell (C9-94-5) and the Adhesive Electric Cure Oven #1, D2 Cell (C9-94-EU18).
 - (3) The rolling, 12-month total amount of adhesive used the Door Skin Adhesive Booth – D2 Cell (C9-94-5) and the Adhesive Electric Cure Oven #1, D2 Cell (C9-94-EU18).
- E. The owner or operator shall meet all the applicable requirements of 40 CFR Part 63 Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Surface Coating of Miscellaneous Metal Parts and Products.
- F. The owner or operator shall follow either compliance option (a) (Compliant Material Option) or compliance option (b) (Emission Rate Without Add-on Controls Option) from §63.3891 to show compliance with applicable emission limit in §63.3890. The permittee is not required to meet any work practice standards in accordance with §63.3893 (a).
- G. The owner or operator shall:
 - (1) Submit the necessary notifications in accordance with §63.3910.
 - (2) Submit the necessary reports in accordance with §63.3920.
 - (3) Maintain the necessary records in accordance with § 63.3930 and § 63.3931.

H. The owner or operator shall comply with the requirements in §63.3940, §63.3941, and §63.3942 if using the Compliant Material Option, or with the requirements in §63.3950, §63.3951, and §63.3952 if using the Emission Rate Without Add-on Controls Option.

Authority for Requirement: DNR Construction Permit 97-A-562-S4

NESHAP Applicability

This unit is subject to the requirements of 40 CFR Part 63, Subpart Mmmm, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products (567 IAC 23.1(4) "cm"). In accordance with §63.3882, the facility meets the definition of an existing affected source that is used for surface coating of miscellaneous metal products. The unit is also subject to the applicable requirements of the General Provisions (§§ 63.1 through 63.15) per Table 2 to Part 63, Subpart Mmmm.

Authority for Requirement: DNR Construction Permit 97-A-562-S4

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 37

Stack Opening, (inches, dia.): 34

Exhaust Flow Rate (scfm): 4,500

Exhaust Temperature (°F): 70

Discharge Style: Vertical Unobstructed

Authority for Requirement: DNR Construction Permit 97-A-562-S4

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

Spray Booth Filter Agency Operation & 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.

Recordkeeping 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: C9-94-12

Associated Equipment

Associated Emission Unit ID Number: C9-94-12
Emissions Control Equipment ID Number: C9-94-12
Emissions Control Equipment Description: Dry Filters

Emission Unit vented through this Emission Point: C9-94-12
Emission Unit Description: Core Adhesive Booth #1
Raw Material/Fuel: Adhesive
Rated Capacity: 3.42 gal/hr

Applicable Requirements

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

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

Pollutant: Opacity

Emission Limit(s): 40%⁽¹⁾

⁽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).

Authority for Requirement: DNR Construction Permit 90-A-029-S5
567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM) – State

Emission Limit(s): 1.07 lb/hr, 0.01 gr./dscf

Authority for Requirement: DNR Construction Permit 90-A-029-S5
567 IAC 23.4(13)

Pollutant: Volatile Organic Compounds (VOC)

Emission Limit(s): 3.38 ton/yr

Authority for Requirement: DNR Construction Permit 90-A-029-S5

Pollutant: Total HAP

Emission Limit(s): 0.31 kg/l⁽²⁾

⁽²⁾ This process is an existing general use coating affected source so organic HAP emissions are limited to 0.31 kg/l (2.6 lb/gal) coating solids as specified in 40 CFR §63.3890(b)(1).

Authority for Requirement: DNR Construction Permit 90-A-029-S5
567 IAC 23.1(4)"cm"

Operational Limits & Requirements

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

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

- A. The owner or operator shall not use more than 1,875 gallons of adhesives in this emission unit in any rolling 12-month period. The maximum VOC content of any adhesive used in this emission unit (EU C9-94-EU12) shall not exceed 3.60 lb/gal. The owner or operator shall:
 - a. Maintain safety data sheets (SDS) for each adhesive used in this emission unit;
 - b. On a monthly basis, record the amount of adhesives, in gallons, used in this emission unit; and
 - c. On a monthly basis, calculate and record the rolling 12-month total amount of adhesives, in gallons, used in this emission unit.
- B. The facility shall comply with the organic HAP limit of 2.6 lb organic HAP per gallon coating solids as specified in 40 CFR Part 63, Subpart M. The facility shall utilize one of the compliance methodologies described in 40 CFR §63.3891. The owner or operator shall:
 - a. Submit the applicable notifications in accordance with 40 CFR §63.3910 and
 - b. Submit the applicable reports in accordance with 40 CFR §63.3920.
- C. The owner or operator shall maintain the Dry Filters (CE C9-94-12CE) according to the manufacturer's specifications and maintenance schedule. The owner or operator shall maintain a log of all maintenance and inspection activities performed on the Dry Filters (CE C9-94-12CE). This log shall include, but is not necessarily limited to:
 - a. The date and time any inspection and/or maintenance was performed on the Dry Filters (CE C9-94-12CE);
 - b. Any issues identified during the inspection and the date each issue was resolved;
 - c. Any issues addressed during the maintenance activities and the date each issue was resolved; and
 - d. Identification of the staff member performing the maintenance or inspection.

Authority for Requirement: DNR Construction Permit 90-A-029-S5

NESHAP Applicability

This unit is subject to the requirements of 40 CFR Part 63, Subpart M, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products (567 IAC 23.1(4) "cm"). In accordance with §63.3882, the facility meets the definition of an existing general use source that is used for surface coating of miscellaneous metal products. The unit is also subject to the applicable requirements of the General Provisions (§§ 63.1 through 63.15) per Table 2 to Part 63, Subpart M.

Authority for Requirement: DNR Construction Permit 90-A-029-S5

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 37
Stack Opening, (inches, dia.): 42
Exhaust Flow Rate (scfm): 14,600
Exhaust Temperature (°F): 70
Discharge Style: Vertical Unobstructed
Authority for Requirement: DNR Construction Permit 90-A-029-S5

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

Spray Booth Filter Agency Operation & 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.

Recordkeeping 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: C9-94-13

Associated Equipment

Associated Emission Unit ID Number: C9-94-13
Emissions Control Equipment ID Number: C9-94-13
Emissions Control Equipment Description: Dry Filters

Emission Unit vented through this Emission Point: C9-94-13
Emission Unit Description: Core Adhesive Booth #2
Raw Material/Fuel: Adhesive
Rated Capacity: 3.42 gal/hr

Applicable Requirements

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

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

Pollutant: Opacity

Emission Limit(s): 40%⁽¹⁾

⁽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).

Authority for Requirement: DNR Construction Permit 97-A-565-S4
567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM) – State

Emission Limit(s): 1.07 lb/hr, 0.01 gr./dscf

Authority for Requirement: DNR Construction Permit 97-A-565-S4
567 IAC 23.4(13)

Pollutant: Volatile Organic Compounds (VOC)

Emission Limit(s): 3.38 ton/yr

Authority for Requirement: DNR Construction Permit 97-A-565-S4

Pollutant: Total HAP

Emission Limit(s): 0.31 kg/l⁽²⁾

⁽²⁾ This process is an existing general use coating affected source so organic HAP emissions are limited to 0.31 kg/l (2.6 lb/gal) coating solids as specified in 40 CFR §63.3890(b)(1).

Authority for Requirement: DNR Construction Permit 97-A-565-S4
567 IAC 23.1(4)"cm"

Operational Limits & Requirements

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

- A. The owner or operator shall not use more than 1,875 gallons of adhesives in this emission unit in any rolling 12-month period. The maximum VOC content of any adhesive used in this emission unit (EU C9-94-EU13) shall not exceed 3.60 lb/gal. The owner or operator shall:
 - a. Maintain safety data sheets (SDS) for each adhesive used in this emission unit;
 - b. On a monthly basis, record the amount of adhesives, in gallons, used in this emission unit; and
 - c. On a monthly basis, calculate and record the rolling 12-month total amount of adhesives, in gallons, used in this emission unit.
- B. The facility shall comply with the organic HAP limit of 2.6 lb organic HAP per gallon coating solids as specified in 40 CFR Part 63, Subpart M. The facility shall utilize one of the compliance methodologies described in 40 CFR §63.3891. The owner or operator shall:
 - a. Submit the applicable notifications in accordance with 40 CFR §63.3910 and
 - b. Submit the applicable reports in accordance with 40 CFR §63.3920.
- C. The owner or operator shall maintain the Dry Filters (CE C9-94-13CE) according to the manufacturer's specifications and maintenance schedule. The owner or operator shall maintain a log of all maintenance and inspection activities performed on the Dry Filters (CE C9-94-13CE). This log shall include, but is not necessarily limited to:
 - a. The date and time any inspection and/or maintenance was performed on the Dry Filters (CE C9-94-13CE);
 - b. Any issues identified during the inspection and the date each issue was resolved;
 - c. Any issues addressed during the maintenance activities and the date each issue was resolved; and
 - d. Identification of the staff member performing the maintenance or inspection.

Authority for Requirement: DNR Construction Permit 97-A-565-S4

NESHAP Applicability

This unit is subject to the requirements of 40 CFR Part 63, Subpart M, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products (567 IAC 23.1(4) "cm"). In accordance with §63.3882, the facility meets the definition of an existing general use source that is used for surface coating of miscellaneous metal products. The unit is also subject to the applicable requirements of the General Provisions (§§ 63.1 through 63.15) per Table 2 to Part 63, Subpart M.

Authority for Requirement: DNR Construction Permit 90-A-029-S5

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

- Stack Height, (ft, from the ground): 37
- Stack Opening, (inches, dia.): 42
- Exhaust Flow Rate (scfm): 14,600
- Exhaust Temperature (°F): 70
- Discharge Style: Vertical Unobstructed
- Authority for Requirement: DNR Construction Permit 97-A-565-S4

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

Spray Booth Filter Agency Operation & Maintenance Plan

Weekly

- Inspect the spray 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.

Recordkeeping 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: C9-94-18

Associated Equipment

Associated Emission Unit ID Number: C9-94-18

Emission Unit vented through this Emission Point: C9-94-18
Emission Unit Description: Adhesive Electric Cure Oven #1 (D2 Cell)
Raw Material/Fuel: Infrared
Rated Capacity: 300 ft³/min

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⁾

⁽¹⁾ An exceedance of the indicator opacity of 25% 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).

Authority for Requirement: DNR Construction Permit 97-A-569-S4
567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM) – State

Emission Limit(s): 0.1 gr./dscf

Authority for Requirement: DNR Construction Permit 97-A-569-S4
567 IAC 23.3(2)"a"

Pollutant: Total Organic HAP

Emission Limit(s): 2.6 lbs HAP/gal⁽²⁾

⁽²⁾ In accordance with Subpart MMMM, §63.3890(b)(1), HAP emissions must not exceed 2.6 lb organic HAP/gal coating solids for general use coatings. The standard is determined as a rolling 12-month emission rate according to the requirements of §63.3940, §63.3941, and §63.3942 if using the Compliant Material Option or §63.3950, §63.3951, and §63.3952 if using the Emission Rate Without Add-on Controls Option.

Authority for Requirement: DNR Construction Permit 97-A-569-S4
567 IAC 23.1(4)"cm"

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by this permit shall be available on-site for a minimum of five years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The VOC content of the adhesives used in the Door Skin Adhesive Booth – D2 Cell (C9-94-5) and the Adhesive Electric Cure Oven #1, D2 Cell (C9-94-EU18) shall not exceed 0.70 pounds per gallon.
- B. The total quantity of adhesives used in the Door Skin Adhesive Booth – D2 Cell (C9-94-5) and the Adhesive Electric Cure Oven #1, D2 Cell (C9-94-EU18), shall not exceed 8,000 gallons in any rolling 12-month period.
- C. The owner or operator shall maintain the following monthly records:
 - (1) The identification, the VOC content, the HAP content, and the amount (gallons) of each adhesive used in the Door Skin Adhesive Booth – D2 Cell (C9-94-5) and the Adhesive Electric Cure Oven #1, D2 Cell (C9-94-EU18).
 - (2) The total amount of adhesive used in the Door Skin Adhesive Booth – D2 Cell (C9-94-5) and the Adhesive Electric Cure Oven #1, D2 Cell (C9-94-EU18).
 - (3) The rolling, 12-month total amount of adhesive used the Door Skin Adhesive Booth – D2 Cell (C9-94-5) and the Adhesive Electric Cure Oven #1, D2 Cell (C9-94-EU18).
- D. The owner or operator shall meet all the applicable requirements of 40 CFR Part 63 Subpart M, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Surface Coating of Miscellaneous Metal Parts and Products.
- E. The owner or operator shall follow either compliance option (a) (Compliant Material Option) or compliance option (b) (Emission Rate Without Add-on Controls Option) from §63.3891 to show compliance with applicable emission limit in §63.3890. The permittee is not required to meet any work practice standards in accordance with §63.3893 (a).
- F. The owner or operator shall:
 - (1) Submit the necessary notifications in accordance with §63.3910.
 - (2) Submit the necessary reports in accordance with §63.3920.
 - (3) Maintain the necessary records in accordance with § 63.3930 and § 63.3931.
- G. The owner or operator shall comply with the requirements in §63.3940, §63.3941, and §63.3942 if using the Compliant Material Option, or with the requirements in §63.3950, § 63.3951, and §63.3952 if using the Emission Rate Without Add-on Controls Option.

Authority for Requirement: DNR Construction Permit 97-A-569-S4

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 37

Stack Opening, (inches, dia.): 12

Exhaust Flow Rate (scfm): 300

Exhaust Temperature (°F): 120

Discharge Style: Vertical Obstructed

Authority for Requirement: DNR Construction Permit 97-A-569-S4

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: C9-96-6

Associated Equipment

Associated Emission Unit ID Number: C9-96-6
Emissions Control Equipment ID Number: C9-96-6
Emissions Control Equipment Description: Dry Filters

—
Emission Unit vented through this Emission Point: C9-96-6
Emission Unit Description: Adhesive Booth (D1 Cell)
Raw Material/Fuel: Adhesive
Rated Capacity: 6.32 gal/hr

Applicable Requirements

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

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

Pollutant: Opacity

Emission Limit(s): 40%⁽¹⁾

⁽¹⁾ 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)..

Authority for Requirement: DNR Construction Permit 97-A-571-S5
567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM) – State

Emission Limit(s): 0.01 gr./dscf

Authority for Requirement: DNR Construction Permit 97-A-571-S5
567 IAC 23.4(13)

Pollutant: Volatile Organic Compounds (VOC)

Emission Limit(s): 4.875 ton/yr

Authority for Requirement: DNR Construction Permit 97-A-571-S5

Pollutant: Total HAP

Emission Limit(s): 0.31 kg/l⁽²⁾

⁽²⁾ Per 40 CFR §63.3890(b)(1), each existing general use coating affected source is limited to organic hazardous air pollutant (HAP) emissions of no more than 0.31 kg (2.6 lb) organic HAP per liter (gal) coating solids used during each 12-month compliance period.

Authority for Requirement: DNR Construction Permit 97-A-571-S5
567 IAC 23.1(4)"cm"

Operational Limits with Associated Monitoring and Recordkeeping

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

- A. The maximum VOC content of any VOC-containing material used in this emission unit shall not exceed 0.65 lbs/gal.
- B. The total amount of VOC-containing materials used in this booth, EU C9-96-6, shall not exceed 15,000 gallons per 12 month rolling period.
- C. The owner or operator shall maintain the following records:
 - a. The identification, VOC content, HAP content, and amount used per month (in gallons) of each VOC-containing material used in this booth, EU C9-96-6.
 - b. The rolling twelve month total amount of all VOC-containing materials used in this booth, updated monthly.
- D. This emission unit is subject to all applicable operating limits set forth in NESHAP Subparts A (40 CFR §63.1 – 40 CFR §63.15) and MMMM (40 CFR §63.3880 – 40 CFR §63.3981),
- E. All applicable recordkeeping and monitoring requirements set forth in Subpart MMMM (40 CFR §63.3880 – §63.3981) will be followed.

NESHAP Applicability

This unit is subject to the requirements of 40 CFR Part 63, Subpart MMMM, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products (567 IAC 23.1(4) "cm"). In accordance with §63.3882, the facility meets the definition of an existing affected source that is used for surface coating of miscellaneous metal products. The unit is also subject to the applicable requirements of the General Provisions (§§ 63.1 through 63.15) per Table 2 to Part 63, Subpart MMMM.

Authority for Requirement: DNR Construction Permit 97-A-571-S5

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 30
Stack Opening, (inches, dia.): 34
Exhaust Flow Rate (scfm): 5,700
Exhaust Temperature (°F): 70
Discharge Style: Vertical Unobstructed
Authority for Requirement: DNR Construction Permit 97-A-571-S5

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

Spray Booth Filter Agency Operation & Maintenance Plan

Weekly

- Inspect the spray 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.

Recordkeeping 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: C9-98-2

Associated Equipment

Associated Emission Unit ID Number: C9-98-2

Emission Unit vented through this Emission Point: C9-98-2

Emission Unit Description: Adhesive Rollcoater

Raw Material/Fuel: Adhesive

Rated Capacity: 7.95 gal/hr

Applicable Requirements

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

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

Pollutant: Volatile Organic Compounds (VOC)

Emission Limit(s): 5.00 ton/yr

Authority for Requirement: DNR Construction Permit 04-A-1030-S4

Pollutant: Total HAP

Emission Limit(s): 0.16 lb./lb.⁽¹⁾

⁽¹⁾ Per 40 CFR §63.4490(b)(1), each existing general use coating affected source is limited to organic hazardous air pollutant (HAP) emissions of no more than 0.16 kg (0.16 lb) organic HAP per kilogram (pound) coating solids used during each 12-month compliance period.

Authority for Requirement: DNR Construction Permit 04-A-1030-S4
567 IAC 23.1(4)"cp"

Operational Limits & Requirements

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

Operating Limits:

- A. The VOC content of the adhesives used in this booth shall not exceed 0.50 pounds per gallon.
- B. The total quantity of adhesives used in this booth, C9-98-2, shall not exceed 20,000 gallons in any rolling 12-month period.
- C. This emission unit is subject to all applicable operating limits set forth in NESHAP Subparts A (40 CFR §63.1 – 40 CFR §63.15) and PPPP (40 CFR §63.4480 – 40 CFR §63.4581). To comply with the HAP limit of 0.16 pound HAP per pound of solids, the permittee must follow either compliance option (a) (Compliant Material Option) or compliance option (b) (Emission Rate Without Add-on Controls Option) from §63.4491. The permittee is not required to meet any work practice standards in accordance with §63.4493 (a).

Reporting and Recordkeeping:

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the DNR. Records shall be legible and maintained in an orderly manner. These records shall show the following:

- A. The permittee (owner or operator) shall maintain the following monthly records:
 - i. The identification, the VOC content, the HAP content and the amount (gallons) of each coating (adhesive) used in this booth.
 - ii. The total amount of adhesive used in this booth, C9-98-2.
 - iii. The rolling, 12-month total amount of adhesive used in this booth, C9-98-2.
- B. All applicable recordkeeping and monitoring set forth in NESHAP Subparts A (40 CFR §63.1 – 40 CFR §63.15) and PPPP (40 CFR §63.4480 – 40 CFR §63.4581).
- C. The permittee shall comply with the requirements in §63.4540, §63.4541, and §63.4542 if using the Compliant Material Option. The permittee shall comply with the requirements in §63.4550, § 63.4551, and §63.4552 if using the Emission Rate Without Add-on Controls Option.

Authority for Requirement: DNR Construction Permit 04-A-1030-S4

NESHAP Applicability

This unit is subject to the requirements of 40 CFR Part 63, Subpart PPPP, National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and Products (567 IAC 23.1(4)"cp"). In accordance with §63.4482, the facility meets the definition of an existing general use source that is used for surface coating of plastic parts and products. The unit is also subject to the applicable requirements of the General Provisions (§§ 63.1 through 63.15) per Table 2 to Part 63, Subpart PPPP. The initial compliance date for an existing unit is April 19, 2007.

As per 40 CFR 63.4481(e), if you own or operate an affected source that meets the applicability criteria of this subpart and at the same facility you also perform surface coating that meets the applicability criteria of any other final surface coating NESHAP in this part, the facility may choose to comply as specified in paragraph 40 CFR 63.4481(e)(1), (2), or (3) of this subpart (i.e., the facility may choose to demonstrate compliance with the regulatory requirements of 40 CFR §63.3880 – 40 CFR §63.3981, NESHAP Subpart MMMM).

Authority for Requirement: DNR Construction Permit 04-A-1030-S4

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

NA – Inside Venting

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: C12-03-1

Associated Equipment

Associated Emission Unit ID Number: C12-03-1

Emission Unit vented through this Emission Point: C12-03-1

Emission Unit Description: Line 2 Washer Burner #1

Raw Material/Fuel: Natural Gas

Rated Capacity: 3.6 MMBtu/hr

Applicable Requirements

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

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

Pollutant: Opacity

Emission Limit(s): 40%

Authority for Requirement: 567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM) – State

Emission Limit(s): 0.1 gr/dscf

Authority for Requirement: 567 IAC 23.3(2)"a"(1)

Pollutant: Sulfur Dioxide (SO₂)

Emission Limits: 500 ppmv

Authority for Requirement: 567 IAC 23.3(3)"e"

Operational Limits & Requirements

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

NESHAP Applicability

This unit is subject to the requirements of 40 CFR Part 63, Subpart M, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products (567 IAC 23.1(4) "cm"). In accordance with §63.3882, the facility meets the definition of an existing affected source that is used for surface coating of miscellaneous metal products. The unit is also subject to the applicable requirements of the General Provisions (§§ 63.1 through 63.15) per Table 2 to Part 63, Subpart M.

Authority for Requirement: 567 IAC 23.1(4) "cm"

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: C12-03-2

Associated Equipment

Associated Emission Unit ID Number: C12-03-2

Emission Unit vented through this Emission Point: C12-03-2

Emission Unit Description: Line 2 Washer Burner #2

Raw Material/Fuel: Natural Gas

Rated Capacity: 2.5 MMBtu/hr

Applicable Requirements

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

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

Pollutant: Opacity

Emission Limit(s): 40%

Authority for Requirement: 567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM) – State

Emission Limit(s): 0.1 gr./dscf

Authority for Requirement: 567 IAC 23.3(2)"a"(1)

Pollutant: Sulfur Dioxide (SO₂)

Emission Limits: 500 ppmv

Authority for Requirement: 567 IAC 23.3(3)"e"

Operational Limits & Requirements

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

NESHAP Applicability

This unit is subject to the requirements of 40 CFR Part 63, Subpart M, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products (567 IAC 23.1(4) "cm"). In accordance with §63.3882, the facility meets the definition of an existing affected source that is used for surface coating of miscellaneous metal products. The unit is also subject to the applicable requirements of the General Provisions (§§ 63.1 through 63.15) per Table 2 to Part 63, Subpart M.

Authority for Requirement: 567 IAC 23.1(4) "cm"

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: C12-03-3

Associated Equipment

Associated Emission Unit ID Number: C12-03-3

Emission Unit vented through this Emission Point: C12-03-3
Emission Unit Description: Frame Dry Off Oven
Raw Material/Fuel: Natural Gas
Rated Capacity: 2.0 MMBtu/hr

Applicable Requirements

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

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

Pollutant: Opacity

Emission Limits: 40 %⁽¹⁾

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

Authority for Requirement: 567 IAC 23.3(2)"d"

DNR Construction Permit 02-A-860-S1

Pollutant: Particulate Matter (PM) – State

Emission Limits: 0.1 gr/scf

Authority for Requirement: 567 IAC 23.3(2)"a"

DNR Construction Permit 02-A-860-S1

Pollutant: Sulfur Dioxide (SO₂)

Emission Limits: 500 ppmv

Authority for Requirement: 567 IAC 23.3(3)"e"

DNR Construction Permit 02-A-860-S1

Operational Limits & Requirements

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

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

A. The oven shall be fired by natural gas or liquefied petroleum gas only.

a. The owner or operator shall maintain records of the type of fuel used in the unit.

Authority for Requirement: DNR Construction Permit 02-A-860-S1

NESHAP Applicability

This unit is subject to the requirements of 40 CFR Part 63, Subpart M, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products (567 IAC 23.1(4) "cm"). In accordance with §63.3882, the facility meets the definition of an existing general use source that is used for surface coating of miscellaneous metal products. The unit is also subject to the applicable requirements of the General Provisions (§§ 63.1 through 63.15) per Table 2 to Part 63, Subpart M.

Authority for Requirement: 567 IAC 23.1(4) "cm"

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 37

Stack Opening, (inches, dia.): 16

Exhaust Flow Rate (scfm): 1635

Exhaust Temperature (°F): 200-350

Discharge Style: Vertical, Unobstructed

Authority for Requirement: DNR Construction Permit 02-A-860-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: C12-20-1

Associated Equipment

Associated Emission Unit ID Number: C12-20-1

Emission Unit vented through this Emission Point: C12-20-1

Emission Unit Description: Frame Dry Off Oven

Raw Material/Fuel: Natural Gas

Rated Capacity: 1.5 MMBtu/hr

Applicable Requirements

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

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

Pollutant: Opacity

Emission Limits: 40 %⁽¹⁾

⁽¹⁾ 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).

Authority for Requirement: 567 IAC 23.3(2)"d"

DNR Construction Permit 20-A-364

Pollutant: Particulate Matter (PM) – State

Emission Limits: 0.1 gr/scf

Authority for Requirement: 567 IAC 23.3(2)"a"

DNR Construction Permit 20-A-364

Pollutant: Sulfur Dioxide (SO₂)

Emission Limits: 500 ppmv

Authority for Requirement: 567 IAC 23.3(3)"e"

DNR Construction Permit 20-A-364

Operating Requirements with Associated Monitoring and Recordkeeping

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

- A. This unit shall combust only natural gas.

Authority for Requirement: DNR Construction Permit 20-A-364

NESHAP Applicability

This unit is subject to the requirements of 40 CFR Part 63, Subpart M, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products (567 IAC 23.1(4) "cm"). In accordance with §63.3882, the facility meets the definition of an existing general use source that is used for surface coating of miscellaneous metal products. The unit is also subject to the applicable requirements of the General Provisions (§§ 63.1 through 63.15) per Table 2 to Part 63, Subpart M.

Authority for Requirement: 567 IAC 23.1(4) "cm"

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 36
Stack Opening, (inches, dia.): 12
Exhaust Flow Rate (scfm): 1,050
Exhaust Temperature (°F): 250
Discharge Style: Vertical Unobstructed
Authority for Requirement: DNR Construction Permit 20-A-364

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: C12-03-4, C12-03-5, C12-03-5-a, and C12-03-6

Associated Equipment

Emission Point No.	Emission Unit No.	Emission Unit Description	Rated Capacity (gal/hr)	Raw Material	Emissions Control Equipment ID	Emissions Control Equipment Description	Permit #
C12-03-4	C12-E03-4	Door Paint Reciprocator #1	23.78	Paint and Solvents	C12-03-4CE	Dry Filters	02-A-861-S8
C12-03-5	C12-E03-5	Door Paint Reciprocator #2	23.78	Paint and Solvents	C12-03-5CE	Dry Filters	02-A-862-S7
C12-03-5-a	C12-03-5-a	Door Aerobell Reciprocator #1	15.86	Paint and Solvents	C12-03-5-aCE	Dry Filters	18-A-368-S2
C12-03-6	C12-03-6-a	Door Aerobell Reciprocator #2	15.86	Paint and Solvents	C12-03-6CE	Dry Filters	02-A-863-S9

Applicable Requirements

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

The emissions from each (or combined if noted) emission points shall not exceed the levels specified below.

Pollutant: Opacity

Emission Limit(s): 40%⁽¹⁾

⁽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).

Authority for Requirements: DNR Construction Permits 02-A-861-S8, 02-A-862-S7, 18-A-368-S2, and 02-A-863-S9
567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM) – State

Emission Limit(s): 0.01 gr/scf

Authority for Requirements: DNR Construction Permits 02-A-861-S8, 02-A-862-S7, 18-A-368-S2, and 02-A-863-S9
567 IAC 23.4(13)

Combined Emission Limits

Pollutant: Volatile Organic Compounds (VOC)

Emission Limit(s): 32.25 ton/yr⁽²⁾

(2) The limit from 40 CFR Part 63, Subpart M is 0.31 kg (2.6 lb) organic HAP per liter (gal) coating solids used during each 12-month compliance period. See Condition 5 for recordkeeping requirements.

Authority for Requirements: DNR Construction Permits 02-A-861-S8, 02-A-862-S7, 18-A-368-S2, and 02-A-863-S9

Pollutant: Total HAP

Emission Limit(s): ⁽²⁾

(2) Per 40 CFR §63.3890(b)(1), each existing general use coating affected source is limited to organic hazardous air pollutant (HAP) emissions of no more than 0.31 kg (2.6 lb) organic HAP per liter (gal) coating solids used during each 12-month compliance period.

Authority for Requirements: DNR Construction Permits 02-A-861-S8, 02-A-862-S7, 18-A-368-S2, and 02-A-863-S9
567 IAC 23.1(4)"cm"

Operating Requirements with Associated Monitoring and Recordkeeping

All records as required by these permits shall be kept on-site for a minimum of two (2) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping requirements for these permits shall be:

- A. The VOC content of the standard primer used in these spray booths (C12-E03-4, C12-E03-5, C12-03-5-a, and C12-03-6-a) shall not exceed 1.0 pounds per gallon. The VOC content of other coatings, not including the standard primer coating, used in these spray booths (C12-E03-4, C12-E03-5, C12-03-5-a, and C12-03-6-a) shall not exceed 5.5 pounds per gallon. The VOC content of any solvent used in these spray booths (C12-E03-4, C12-E03-5, C12-03-5-a, and C12-03-6-a) shall not exceed 7.5 pounds per gallon. The solids content of any material (including standard primer, other coatings, and solvents) used in these spray booths (C12-E03-4, C12-E03-5, C12-03-5-a, and C12-03-6-a) shall not exceed 11 pounds per gallon. The owner or operator shall retain the Safety Data Sheets (SDS) of all materials used in these spray booths (C12-E03-4, C12-E03-5, C12-03-5-a, and C12-03-6-a).
- B. The total amount of standard primer used in these spray booths (C12-E03-4, C12-E03-5, C12-03-5-a, and C12-03-6-a) shall not exceed 33,000 gallons in any rolling 12-month period. The total amount of other coatings, not including the standard primer coating, used in these spray booths (C12-E03-4, C12-E03-5, C12-03-5-a, and C12-03-6-a) shall not exceed 3,000 gallons in any rolling 12-month period. The total amount of solvent used in these spray booths (C12-E03-4, C12-E03-5, C12-03-5-a, and C12-03-6-a) shall not exceed 2,000 gallons in any rolling 12-month period. On a monthly basis, the owner or operator shall:
 - a. Maintain the identification, VOC content, HAP content, and amount used, in gallons, of each coating and solvent in these spray booths (C12-E03-4, C12-E03-5, C12-03-5-a, and C12-03-6-a) during the previous month;
 - b. Record the total amount of standard primer used, in gallons, in these spray booths (C12-E03-4, C12-E03-5, C12-03-5-a, and C12-03-6-a) during the previous month;
 - c. Record the total amount of other coating (not including standard primer) used, in

- gallons, in these spray booths (C12-E03-4, C12-E03-5, C12-03-5-a, and C12-03-6-a) during the previous month;
- d. Record the total amount of solvent used, in gallons, in these spray booths (C12-E03-4, C12-E03-5, C12-03-5-a, and C12-03-6-a) during the previous month;
 - e. Calculate and record the rolling 12-month total amount of standard primer used, in gallons, in these spray booths (C12-E03-4, C12-E03-5, C12-03-5-a, and C12-03-6-a);
 - f. Calculate and record the rolling 12-month total amount of other coating (not including standard primer) used, in gallons, in these spray booths (C12-E03-4, C12-E03-5, C12-03-5-a, and C12-03-6-a); and
 - g. Calculate and record the rolling 12-month total amount of solvent used, in gallons, in these spray booths (C12-E03-4, C12-E03-5, C12-03-5-a, and C12-03-6-a).
- C. The facility shall comply with the organic HAP limit of 2.6 lb organic HAP per gallon coating solids as specified in 40 CFR Part 63, Subpart M. The facility shall utilize one of the compliance methodologies described in 40 CFR §63.3891. The owner or operator shall:
- a. Submit the applicable notifications in accordance with 40 CFR §63.3910; and
 - b. Submit the applicable reports in accordance with 40 CFR §63.3920.
- D. The owner or operator shall maintain the Dry Filters (C12-03-4CE), Dry Filter (C12-03-5CE), Dry Filter (C12-03-6CE), and Dry Filter (C12-03-5-aCE) according to the manufacturer's specifications and maintenance schedule. The owner or operator shall maintain a log of all maintenance and inspection activities performed on the Dry Filters (C12-03-4CE), Dry Filter (C12-03-5CE), Dry Filter (C12-03-6CE), and Dry Filter (C12-03-5-aCE). This log shall include, but is not necessarily limited to:
- a. The date and time any inspection and/or maintenance was performed on the Dry Filters (C12-03-4CE), Dry Filter (C12-03-5CE), Dry Filter (C12-03-6CE), and Dry Filter (C12-03-5-aCE);
 - b. Any issues identified during the inspection and the date each issue was resolved;
 - c. Any issues addressed during the maintenance activities and the date each issue was resolved; and
 - d. Identification of the staff member performing the maintenance or inspection.

Authority for Requirements: DNR Construction Permits 02-A-861-S8, 02-A-862-S7, and 18-A-368-S2

NESHAP Applicability

These units are subject to the requirements of 40 CFR Part 63, Subpart M, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products (567 IAC 23.1(4) "cm"). In accordance with §63.3882, the facility meets the definition of an existing general use source that is used for surface coating of miscellaneous metal products. The unit is also subject to the applicable requirements of the General Provisions (§§ 63.1 through 63.15) per Table 2 to Part 63, Subpart M.

Authority for Requirements: DNR Construction Permits 02-A-861-S8, 02-A-862-S7, and 18-A-368-S2

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Emission Point No.	Stack Height (feet)	Stack Diameter (inches)	Stack Exhaust Flow Rate (scfm)	Stack Temperature (°F)	Discharge Style
C12-03-4	37	36	7,400	70	Vertical Unobstructed
C12-03-5	37	36	7,400	70	Vertical Unobstructed
C12-03-5-a	33	42	20,000	70	Vertical Unobstructed
C12-03-6	36	42	20,000	70	Vertical Unobstructed

Authority for Requirements: DNR Construction Permits 02-A-861-S8, 02-A-862-S7, and 18-A-368-S2

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

Spray Booth Filter Agency Operation & Maintenance Plan

Weekly

- Inspect the spray 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.

Recordkeeping 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: C12-03-7A, C12-03-7B, and C12-03-7C

Table 1

Emission Point No.	Emission Point Description	Emission Unit	Rated Capacity (MMBtu/hr)	Raw Material
C12-03-7A	Bake Off Oven Exhaust #1	Bake Off Oven	3.0	Natural Gas
C12-03-7B	Bake Off Oven Exhaust #2			
C12-03-7C	Bake Off Oven Exhaust #3			

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.

Table 2

Emission Point Number	Opacity 567 IAC 23.3(2)"d"	PM (gr/dscf) 567 IAC 23.3(2)"a"	SO ₂ (ppmv) 567 IAC 23.3(3)"e"	Total HAP (kg/l) 567 IAC 23.1(4)"cm"	Authority for Requirement (Construction Permit No.)
C12-03-7A	40% ⁽¹⁾	0.1	500	0.31 ⁽²⁾	02-A-864-S1
C12-03-7B	40% ⁽¹⁾	0.1	500	0.31 ⁽²⁾	02-A-865-S1
C12-03-7C	40% ⁽¹⁾	0.1	500	0.31 ⁽²⁾	02-A-866-S1

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

⁽²⁾ Per 40 CFR §63.3890(b)(1), each existing general use coating affected source is limited to organic hazardous air pollutant (HAP) emissions of no more than 0.31 kg (2.6 lb) organic HAP per liter (gal) coating solids used during each 12-month compliance period.

Operational Limits & Requirements

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

Operating Limits:

- A. This emission unit is subject to all applicable operating limits set forth in NESHAP Subparts A (40 CFR §63.1 – 40 CFR §63.15) and MMMM (40 CFR §63.3880 – 40 CFR §63.3981).

Reporting and Recordkeeping:

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the DNR. Records shall be legible and maintained in an orderly manner. These records shall show the following:

- A. All applicable recordkeeping and monitoring set forth in NESHAP Subparts A (40 CFR §63.1 – 40 CFR §63.15) and MMMM (40 CFR §63.3880 – 40 CFR §63.3981).

Authority for Requirement: DNR Construction Permits 02-A-864-S1, 02-A-865-S1, and 02-A-866-S1

NESHAP Applicability

These units are subject to the requirements of 40 CFR Part 63, Subpart MMMM, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products (567 IAC 23.1(4) "cm"). In accordance with §63.3882, the facility meets the definition of an existing affected source that is used for surface coating of miscellaneous metal products. These units are also subject to the applicable requirements of the General Provisions (§§ 63.1 through 63.15) per Table 2 to Part 63, Subpart MMMM.

Authority for Requirement: DNR Construction Permits 02-A-864-S1, 02-A-865-S1, and 02-A-866-S1

Emission Point Characteristics

Each emission point shall conform to the specifications listed below.

Table 3

Emission Point No.	Stack Height (feet)	Stack Diameter (inches)	Stack Exhaust Flow Rate (scfm)	Stack Temperature (°F)	Discharge Style
C12-03-7A	37	16	1,868	300	Vertical unobstructed
C12-03-7B	37	24	2,911	300	Vertical unobstructed
C12-03-7C	37	16	1,868	300	Vertical unobstructed

Authority for Requirement: DNR Construction Permits specified in Table 2

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: C12-93-6, C12-93-7

Table 1

Emission Point No.	Emission Unit No.	Emission Unit Description	Rated Capacity (gal/hr)	Raw Material	Emissions Control Equipment ID	Emissions Control Equipment Description
C12-93-6	C12-E93-6	Frame Paint Reciprocator #1 (Line 1)	23.78	Paint and Solvents	C12-93-6CE	Dry Filters
C12-93-7	C12-E93-7	Frame Paint Reciprocator #2 (Line 1)	23.78	Paint and Solvents	C12-93-7CE	Dry Filters

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.

Table 2

Emission Point Number	Opacity 567 IAC 23.3(2)"d"	PM (gr./dscf) 567 IAC 23.4(13)	VOC (TPY)	Total HAP Kg/l 567 IAC 23.1(4)"cm"	Authority for Requirement (Construction Permit No.)
C12-93-6	40% ⁽¹⁾	0.01	107.71 ⁽²⁾	0.31 ⁽³⁾	93-A-328-S12
C12-93-7	40% ⁽¹⁾	0.01		0.31 ⁽³⁾	93-A-329-S12

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

⁽²⁾ Total allowed for the following emission units: Frame Paint Reciprocator #1 (C12-93-6) and Frame Paint Reciprocator #2 (C12-93-7).

⁽³⁾ Per 40 CFR §63.3890(b)(1), each existing general use coating affected source is limited to organic hazardous air pollutant (HAP) emissions of no more than 0.31 kg (2.6 lb) organic HAP per liter (gal) coating solids used during each 12-month compliance period.

Operating Requirements with Associated Monitoring and Recordkeeping

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

- A. The VOC content of the standard primer used in the frame paint line spray booths (C12-E93-6 and C12-E93-7) shall not exceed 3.5 pounds per gallon. The VOC content of other coatings, not including the standard primer coating, used in the frame paint line spray booths (C12-E93-6 and C12-E93-7) shall not exceed 5.6 pounds per gallon. The VOC content of any solvent used in the frame paint line spray booths (C12-E93-6 and C12-E93-7) shall not exceed 7.5 pounds per gallon. The owner or operator shall retain the Safety Data Sheets (SDS) of all materials used in the frame paint line spray booths (C12-E93-6 and C12-E93-7).
- B. The total amount of standard primer used in the frame paint line spray booths (C12-E93-6 and C12-E93-7) shall not exceed 48,000 gallons in any rolling 12-month period. The total amount of other coatings, not including the standard primer coating, used in the frame paint line spray booths (C12-E93-6 and C12-E93-7) shall not exceed 8,000 gallons in any rolling 12-month period. The total amount of solvent used in the frame paint line spray booths (C12-E93-6 and C12-E93-7) shall not exceed 350 gallons in any rolling 12-month period. On a monthly basis, the owner or operator shall:
 - a. Maintain the identification, VOC content, HAP content, and amount used, in gallons, of each coating and solvent in the frame paint line spray booths (C12-E93-6 and C12-E93-7) during the previous month;
 - b. Record the total amount of standard primer used, in gallons, in the frame paint line spray booths (C12-E93-6 and C12-E93-7) during the previous month;
 - c. Record the total amount of other coating (not including standard primer) used, in gallons, in the frame paint line spray booths (C12-E93-6 and C12-E93-7) during the previous month;
 - d. Record the total amount of solvent used, in gallons, in the frame paint line spray booths (C12-E93-6 and C12-E93-7) during the previous month;
 - e. Calculate and record the rolling 12-month total amount of standard primer used, in gallons, in the frame paint line spray booths (C12-E93-6 and C12-E93-7);
 - f. Calculate and record the rolling 12-month total amount of other coating (not including standard primer) used, in gallons, in the frame paint line spray booths (C12-E93-6 and C12-E93-7); and
 - g. Calculate and record the rolling 12-month total amount of solvent used, in gallons, in the frame paint line spray booths (C12-E93-6 and C12-E93-7).
- C. The facility shall comply with the organic HAP limit of 2.6 lb organic HAP per gallon coating solids as specified in 40 CFR Part 63, Subpart M. The facility shall utilize one of the compliance methodologies described in 40 CFR §63.3891. The owner or operator shall:
 - a. Submit the applicable notifications in accordance with 40 CFR §63.3910; and
 - b. Submit the applicable reports in accordance with 40 CFR §63.3920.
- D. The owner or operator shall maintain the Dry Filters (C12-E93-6CE and C12-E93-7CE) according to the manufacturer's specifications and maintenance schedule. The owner or

operator shall maintain a log of all maintenance and inspection activities performed on the Dry Filters (C12-E93-6CE and C12-E93-7CE). This log shall include, but is not necessarily limited to:

- a. The date and time any inspection and/or maintenance was performed on the Dry Filters (C12-E93-6CE and C12-E93-7CE);
- b. Any issues identified during the inspection and the date each issue was resolved;
- c. Any issues addressed during the maintenance activities and the date each issue was resolved; and
- d. Identification of the staff member performing the maintenance or inspection.

Authority for Requirement: DNR Construction Permit specified in Table 2

NESHAP Applicability

These emission units are subject to Subparts A (General Provisions; 40 CFR §63.1 – 40 CFR §63.15) and MMMM (National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products; 40 CFR §63.3880 – 40 CFR §63.3981) of the National Emission Standards for Hazardous Air Pollutants (NESHAP). The owner or operator shall demonstrate compliance through one of the methods listed in 40 CFR 63.3891 for purposes of NESHAP Subpart MMMM.

Authority for Requirement: DNR Construction Permit specified in Table 2

Emission Point Characteristics

Each emission point shall conform to the specifications listed below.

Table 3

Emission Point No.	Stack Height (feet)	Stack Diameter (inches)	Stack Exhaust Flow Rate (scfm)	Stack Temperature (°F)	Discharge Style
C12-93-6	37	24	7,400	70	Vertical unobstructed
C12-93-7	37	24	7,400	70	Vertical unobstructed

Authority for Requirement: DNR Construction Permit specified in Table 2

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

Spray Booth Filter Agency Operation & Maintenance Plan

Weekly

- Inspect the spray 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.

Recordkeeping 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: C12-93-9, C12-93-10, C12-93-14, C12-93-15

Table 1

Emission Point No.	Emission Point Description	Emission Unit	Rated Capacity (MMBtu/hr)	Raw Material
C12-93-9	Line 1 Exhaust #2	Frame Paint Bake Oven	2.5	Natural Gas
C12-93-10	Line 1 Exhaust #3			
C12-93-14	Line 1 Exhaust #1			
C12-93-15	Line 1 Exhaust #4			

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.

Table 2

Emission Point Number	Opacity 567 IAC 23.3(2)"d"	PM ₁₀ (lb/MMBtu)	PM (gr/scf) 567 IAC 23.3(2)"a"	SO ₂ (ppmv) 567 IAC 23.3(3)"e"	Authority for Requirement (Construction Permit No.)
C12-93-9	40% ⁽¹⁾	0.02	0.1	500	93-A-331-S2
C12-93-10	40% ⁽¹⁾	0.02	0.1	500	00-A-1009-S1
C12-93-14	40% ⁽¹⁾	0.02	0.1	500	00-A-1010-S1
C12-93-15	40% ⁽¹⁾	0.02	0.1	500	00-A-1011-S1

⁽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).

Operational Limits & Requirements

The owner/operator of these equipment shall comply with the operational limits and requirements listed below. All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the Department. These records shall demonstrate compliance with all operating limits. Records shall be legible and maintained in an orderly manner.

- A. The oven shall be fired by natural gas or liquefied petroleum gas only.
 - a. The owner or operator shall maintain records of the type of fuel used in the unit.

Authority for Requirement: DNR Construction Permit specified in Table 2

NESHAP Applicability

This unit is subject to the requirements of 40 CFR Part 63, Subpart M, National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products (567 IAC 23.1(4) "cm"). In accordance with §63.3882, the facility meets the definition of an existing general use source that is used for surface coating of miscellaneous metal products. The unit is also subject to the applicable requirements of the General Provisions (§§ 63.1 through 63.15) per Table 2 to Part 63, Subpart M.

Authority for Requirement: 567 IAC 23.1(4) "cm"

Emission Point Characteristics

Each emission point shall conform to the specifications listed below.

Table 3

Emission Point No.	Stack Height (feet)	Stack Diameter (inches)	Stack Exhaust Flow Rate (scfm)	Stack Temperature (°F)	Discharge Style
C12-93-9	33	12	1,015	180-350	Vertical Unobstructed
C12-93-10	33	16	2,221	180-350	Vertical Unobstructed
C12-93-14	33	18	2,132	180-350	Vertical Unobstructed
C12-93-15	33	18	2,132	180-350	Vertical Unobstructed

Authority for Requirement: DNR Construction Permits specified in Table 2

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: C12-99-1

Associated Equipment

Associated Emission Unit ID Number: C12-99-1
Emissions Control Equipment ID Number: C12-99-1
Emissions Control Equipment Description: Cartridge Filters

Emission Unit vented through this Emission Point: C12-99-1
Emission Unit Description: Fabrication Shop Dust Collector and Paint Room
Raw Material/Fuel: Paint and Dust
Rated Capacity: 2.2 lb/hr

Applicable Requirements

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

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

Pollutant: Opacity

Emission Limits: 40%⁽¹⁾

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

Authority for Requirement: DNR Construction Permit 07-A-438-S2
567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM₁₀)

Emission Limits: 2.2 lb/hr

Authority for Requirement: DNR Construction Permit 07-A-438-S2

Pollutant: Particulate Matter (PM) – State

Emission Limits: 2.2 lb/hr, 0.1 gr/dscf⁽²⁾, 0.01 gr/scf⁽²⁾

⁽²⁾ PM emission limits for this EP are:

- 0.1 gr/dscf when only the Fabrication Shop is operating,
- 0.01 gr/scf when only the Paint Booth is operating, and
- 0.01 gr/scf when the Fabrication Shop and Paint Booth are operating simultaneously.

Authority for Requirement: DNR Construction Permit 07-A-438-S2
567 IAC 23.3(2)"a" and 567 IAC 23.4(13)

Pollutant: Total HAP

Emission Limit(s): 0.31 kg/l⁽²⁾

⁽²⁾ 0.31 kilograms of organic HAP per liter of coating solids (kg/l) = 2.6 pounds of organic HAP per gallon of coating solids (lb./gal). The standard is based on a rolling twelve (12) month period.

Authority for Requirement: DNR Construction Permit 07-A-438-S2
567 IAC 23.1(4)"cm"

Operational Limits & Requirements

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

Operating Limits:

- A. The VOC content of any paint or primer to be sprayed in the paint booth shall not exceed 5.1 lb./gal.
- B. The amount of paint and primer to be sprayed in the paint booth in a rolling 12-month period shall not exceed 2,000 gallons.
- C. The VOC content of any solvent to be used in the paint booth shall not exceed 6.75 lb./gal.
- D. The amount of solvent to be used in the paint booth in a rolling 12-month period shall not exceed 1,000 gallons.

Reporting and Recordkeeping:

All records as required by this permit shall be kept on-site for a minimum of five (5) years and shall be available for inspection by the DNR. Records shall be legible and maintained in an orderly manner. These records shall show the following:

- A. Maintain a copy of the Material Safety Data Sheet (MSDS) or other product information showing the VOC and HAP contents of all paints, primers, and solvents (in lb./gal) used in the paint booth.
- B. A log showing:
 - i. The VOC content (in lb./gal) of each paint and primer used in the paint booth
 - ii. The VOC content (in lb./gal) of each solvent used in the paint booth
- C. Record the sum of the monthly paint and primer usage in gallons per month.
- D. Record the sum of the monthly solvent usage in gallons per month.
- E. For the paint/primer and solvents during the first 12-months of operation, calculate and record the cumulative material usage for each month of operation.
- F. For the paint/primer and solvents after the 12-months of operation, calculate and record the 12-month period material usage on a rolling basis for each successive month.
- G. All recordkeeping as required per 40 CFR §63.3963 (NESHAP Subpart M).

Authority for Requirement: DNR Construction Permit 07-A-438-S2

NESHAP Applicability

The Fabrication Shop is not subject to any of the National Emission Standards for Hazardous Air Pollutants (NESHAP) at this time as there are no standards for its source category.

The Paint Room is subject to Subparts A (General Provisions; 40 CFR §63.1 – 40 CFR §63.15) and MMMM (National Emission Standards for Hazardous Air Pollutants: Surface Coating of Miscellaneous Metal Parts and Products; 40 CFR §63.3880 – 40 CFR §63.3981) of the National Emission Standards for Hazardous Air Pollutants (NESHAP). The owner or operator shall demonstrate compliance through one of the methods listed in 40 CFR §63.3891 for purposes of NESHAP Subpart MMMM.

Authority for Requirement: DNR Construction Permit 07-A-438-S2

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 36

Stack Opening, (inches, dia.): 48

Exhaust Flow Rate (scfm): 52,500

Exhaust Temperature (°F): 70

Discharge Style: Vertical Unobstructed

Authority for Requirement: DNR Construction Permit 07-A-438-S2

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

Spray Booth Filter Agency Operation & Maintenance Plan

Weekly

- Inspect the spray booth system for conditions that reduce the operating efficiency of the collection system. This will include an inspection of the condition of the filter material following the manufacturer's recommendations or standard facility practice.
- Maintain a written record of the observation and any action resulting from the inspection.

Recordkeeping 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: C12-99-2

Associated Equipment

Associated Emission Unit ID Number: C12-99-2

Emission Unit vented through this Emission Point: C12-99-2
Emission Unit Description: Standard Primer Aerosol Cans
Raw Material/Fuel: Aerosol Paint
Rated Capacity: 6,000 cans/year

Applicable Requirements

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

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

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

Pollutant: Particulate Matter (PM) – State
Emission Limit(s): 0.01 gr./dscf
Authority for Requirement: 567 IAC 23.4(13)

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: GEN 1

Associated Equipment

Associated Emission Unit ID Number: GEN1

Emission Unit vented through this Emission Point: GEN1

Emission Unit Description: Emergency Generator

Raw Material/Fuel: Natural Gas

Rated Capacity: 20 bhp

Applicable Requirements

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

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

Pollutant: Opacity

Emission Limit(s): 40%

Authority for Requirement: 567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM) – State

Emission Limit(s): 0.1 gr./dscf

Authority for Requirement: 567 IAC 23.3(2)"a"

Pollutant: Sulfur Dioxide (SO₂)

Emission Limits: 500 ppmv

Authority for Requirement: 567 IAC 23.3(3)"e"

NESHAP:

The emergency engine is subject to 40 CFR 63 Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE).

According to 40 CFR 63.6590(a)(1)(ii) this spark 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 October 19, 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(j) for the oil analysis option to extend time frame of requirements.)
2. Inspect spark plugs every 1,000 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: GEN 2

Associated Equipment

Associated Emission Unit ID Number: GEN 2

Emission Unit vented through this Emission Point: GEN 2

Emission Unit Description: Emergency Generator

Raw Material/Fuel: Diesel

Rated Capacity: 201 bhp

Applicable Requirements

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

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

Pollutant: Opacity

Emission Limit(s): 40%

Authority for Requirement: 567 IAC 23.3(2)"d"

Pollutant: Particulate Matter (PM) – State

Emission Limit(s): 0.1 gr./dscf

Authority for Requirement: 567 IAC 23.3(2)"a"

Pollutant: Sulfur Dioxide (SO₂)

Emission Limit(s): 2.5 lb/MMBtu

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

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)(2)(ii) this compression ignition emergency engine, located at a major source, is a new stationary RICE as it was constructed on or after June 12, 2006.

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

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

NSPS Subpart IIII Requirements

For 2007 and later model year emergency (Except FP) CI engines with Disp. < 30 l/cyl constructed after 7/11/2005 and manufactured after 4/1/2006:

Emission Standards (for engines with displacement (L/cyl) < 10):

According to 40 CFR 60.4205(b) and 60.4202, you must comply with the following emission standards in grams/kW-hr (grams/HP-hr):

Engine Displacement (l/cyl)	Maximum Engine Power	Model Year(s)	NMHC + NO _x	CO	PM	Opacity	Rule Ref
Disp. < 10	130 ≤ kW ≤ 560 (175 ≤ HP ≤ 750)	2006+	4.0 (3.0)	3.5 (2.6)	0.20 (0.15)	(1)	(2)

⁽¹⁾ Exhaust opacity must not exceed: 20 percent during the acceleration mode; 15 percent during the lugging mode; and 50 percent during the peaks in either the acceleration or lugging modes.

⁽²⁾ 40 CFR 89.112 and 40 CFR 89.113.

Fuel Requirements (if using diesel):

You must use diesel fuel that has a maximum sulfur content of 15 ppm (0.0015%) by weight and a minimum cetane index of 40 or a maximum aromatic content of 35 percent by volume. 40 CFR 60.4207 and 40 CFR 1090.305.

Compliance Requirements:

1. You must operate and maintain the engine to comply with the required emission standards over the entire life of the engine (40 CFR 60.4206) by doing all of the following (40 CFR 60.4211(a)).
 - a) Operating and maintaining the engine and control device according to the manufacturer's emission-related written instructions;
 - b) Changing only those emission-related settings that are permitted by the manufacturer; and
 - c) Meeting the requirements of 40 CFR 89, 94 and/or 1068, as they apply to you.
2. You must demonstrate compliance with the applicable emission standards by purchasing an engine certified to the applicable emission standards. The engine must be installed and configured according to the manufacturer's emission-related specifications. 40 CFR 60.4211(c).
3. If you do not install, configure, operate, and maintain your engine and control device according to the manufacturer's emission-related written instructions, or you change emission-related settings in a way that is not permitted by the manufacturer, you must keep a maintenance plan and records of conducted maintenance to demonstrate compliance and must, to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. In addition, you must conduct the following performance testing in accordance with 40 CFR 60.4212 to demonstrate compliance with applicable emission standards. You are required to notify the DNR 30 days prior to the test date and are required to submit a stack test report to the DNR within 60 days after the completion of the testing. See 40 CFR 60.4211(g) for additional information.

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

⁽¹⁾ Non-permitted action means that you do not install, configure, operate, and maintain the engine and control device according to the manufacturer's emission-related written instructions, or you change the emission-related settings in a way that is not permitted by the manufacturer.

Operating and Recordkeeping Requirements

1. If your emergency engine does not meet the standards applicable to non-emergency engines, you must install a non-resettable hour meter prior to startup of the engine (40 CFR 60.4209(a)) and, starting with the model years in the following table, you must keep records of the operation of the engine in emergency and non-emergency service that are recorded through the non-resettable hour meter. The owner must record the time of operation of the engine and the reason the engine was in operation during that time. 40 CFR 60.4214(b).

Engine power	Starting model year
$130 \leq \text{KW} (175 \leq \text{HP})$	2011

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

Authority for Requirement: 40 CFR Part 60 Subpart IIII

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 except 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
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V. Appendix – Links to NSPS/NESHAP Regulations

- A. 40 CFR 60 Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
<https://www.ecfr.gov/current/title-40/chapter-I/subchapter-C/part-60/subpart-IIII>
- B. 40 CFR 63 Subpart A – General Provisions
<https://www.ecfr.gov/cgi-bin/text-idx?node=sp40.7.63.a>
- C. 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/cgi-bin/text-idx?node=sp40.7.63.mmmm>
- D. 40 CFR 63 Subpart PPPP - National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and Products
<https://www.ecfr.gov/cgi-bin/text-idx?node=sp40.7.63.pppp>
- E. 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>