



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706 • (208) 373-0502
www.deq.idaho.gov

C.L. "Butch" Otter, Governor
John H. Tippetts, Director

August 16, 2018

Jonathan Hobza, President
Mobile Component, Inc.
450 E. Amity Road
Boise, ID 83716

RE: Facility ID No. 001-00296, Mobile Component, Inc., Boise
Final Permit Letter, DEQ Initiated Permit Reissuance

Dear Mr. Hobza:

The Department of Environmental Quality (DEQ) is reissuing Permit to Construct (PTC) No. P-2013.0056, Project 62056, to Mobile Component, Inc. which contained a typographical error. The typographical error was in Permit Condition 3.7, and has been corrected.

This permit is effective immediately and replaces PTC No. P-2013.0056, issued on August 9, 2018. This permit does not release Mobile Component, Inc. from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances. The accompanying Statement of Basis document remains unchanged.

In order to fully understand the compliance requirements of this permit, DEQ highly recommends that you schedule a meeting with Thomas Krinke, Air Quality Compliance Officer, at (208) 373-0419 to review and discuss the terms and conditions of this permit. Should you choose to schedule this meeting, DEQ recommends that the following representatives attend the meeting: your facility's plant manager, responsible official, environmental contact, and any other staff responsible for day-to-day compliance with permit conditions.

Pursuant to IDAPA 58.01.23, you, as well as any other entity, may have the right to appeal this final agency action within 35 days of the date of this decision. However, prior to filing a petition for a contested case, I encourage you to contact Tom Burnham at (208) 373-0502 or tom.burnham@deq.idaho.gov to address any questions or concerns you may have with the enclosed permit.

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Simon".

Mike Simon
Stationary Source Program Manager
Air Quality Division

MS/tb
Enclosure
Permit No. P-2013.0056 PROJ 62056

Air Quality

PERMIT TO CONSTRUCT

Permittee Mobile Component, Inc.
Permit Number P-2013.0056
Project ID 62056
Facility ID 001-00296
Facility Location 450 East Amity Road
Boise, ID 83716

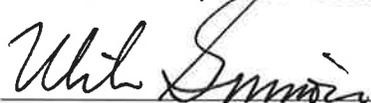
Permit Authority

This permit (a) is issued according to the "Rules for the Control of Air Pollution in Idaho" (Rules), IDAPA 58.01.01.200-228; (b) pertains only to emissions of air contaminants regulated by the State of Idaho and to the sources specifically allowed to be constructed or modified by this permit; (c) has been granted on the basis of design information presented with the application; (d) does not affect the title of the premises upon which the equipment is to be located; (e) does not release the permittee from any liability for any loss due to damage to person or property caused by, resulting from, or arising out of the design, installation, maintenance, or operation of the proposed equipment; (f) does not release the permittee from compliance with other applicable federal, state, tribal, or local laws, regulations, or ordinances; and (g) in no manner implies or suggests that the Idaho Department of Environmental Quality (DEQ) or its officers, agents, or employees assume any liability, directly or indirectly, for any loss due to damage to person or property caused by, resulting from, or arising out of design, installation, maintenance, or operation of the proposed equipment. Changes in design, equipment, or operations may be considered a modification subject to DEQ review in accordance with IDAPA 58.01.01.200-228.

Date Issued August 16, 2018



Tom Burnham, Permit Writer



Mike Simon, Stationary Source Manager

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1 Permit Scope

Purpose

- 1.1 This is a modified permit to construct (PTC) to install a paint booth with a heater and to increase welding wire usage.
- 1.2 Those permit conditions that have been modified or revised by this permitting action are identified by the permit issue date citation located directly under the permit condition and on the right-hand margin.
- 1.3 This PTC replaces Permit to Construct No. P-2013.0056, issued on December 15, 2017.

Regulated Sources

Table 1.1 lists all sources of regulated emissions in this permit.

Table 1.1 Regulated Sources

Permit Section	Source	Control Equipment
2 Facility-Wide	Fugitives	Best Management Practices (BMP)
	Combustion Sources	
	<u>Shop Heaters</u> Manufacturer: Modine Model: PA 300A Heat input rating: 0.24 MMBtu/hr Fuel: Natural gas	None
	Manufacturer: Reznor Model: UBAP 3000 Heat input rating: 0.24 MMBtu/hr Fuel: Natural gas	None
	Two with the following parameters: Manufacturer: Modine Model: PDP300AE0130 Heat input rating: 0.24 MMBtu/hr each Fuel: Natural gas	None
	<u>Paint Booth Heater</u> Manufacturer: Carrier Model: 58MXA Construction date: 2018 Heat input rating: 0.25 MMBtu/hr Fuel: Natural gas	None

Table 1.2 Regulated Sources (continued)

Permit Section	Source	Control Equipment
3 Painting	<p><u>North paint booth</u> Manufacturer: Mobile Component-Built</p> <p><u>South paint booth:</u> Manufacturer: Mobile Component-Built</p> <p><u>Northwest paint booth:</u> Manufacturer: Mobile Component-Built</p>	<p><u>North spray booth filter system</u> Booth type: side draft Particulate filtration method: dry filters PM Control Efficiency(%): at least 98%</p> <p><u>South spray booth filter system:</u> Booth type: side draft Particulate filtration method: dry filters PM Control Efficiency(%): at least 98%</p> <p><u>Northwest spray booth filter system:</u> Booth type: side draft Particulate filtration method: dry filters PM Control Efficiency(%): at least 98%</p> <p><u>Spray guns</u> Three types of guns are used at the facility. Five spray guns can be used simultaneously at each spray booth.</p> <p>Type 1: Manufacturer: Husky or equivalent Model: H4840GHVSG or equivalent Type: HVLP or equivalent Transfer efficiency: 65% Rated capacity: unknown</p> <p>Type 2: Manufacturer: Central Pneumatic or equivalent Model: 93305 or equivalent Type: HVLP or equivalent Transfer efficiency: 65% Rated capacity: unknown</p> <p>Type 3: Manufacturer: Graco or equivalent Model: FinishPro II 395 PC or equivalent Type: Air-Assisted Airless or equivalent Transfer efficiency: 70% Rated capacity: 0.43 GPM</p>
4 Fabrication	<p><u>Welding:</u> Manufacturer: NA Model: NA Construction date: 1972 Gas Metal Arc Welding (GMAW) Flux Cored Arc Welding (FCAW) Shielded Metal Arc Welding (SMAW)</p> <p><u>Grinding</u> Pedestal grinders Hand-held grinders</p>	<p>None</p>

2 Facility-Wide Conditions

Fugitive Emissions

- 2.1 All reasonable precautions shall be taken to prevent particulate matter (PM) from becoming airborne in accordance with IDAPA 58.01.01.650–651. In determining what is reasonable, consideration will be given to factors such as the proximity of dust emitting operations to human habitations and/or activities and atmospheric conditions that might affect the movement of PM. Some of the reasonable precautions include, but are not limited to, the following practices, where practical:
- Use, where practical, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of lands.
 - Application, where practical, of asphalt, oil, water, or suitable chemicals to, or covering of, dirt roads, material stockpiles, and other surfaces which can create dust;
 - Installation and use, where practical, of hoods, fans, and fabric filters or equivalent systems to enclose and vent the handling of dusty materials. Adequate containment methods should be employed during sandblasting or other operations;
 - Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts; and
 - Paving of roadways and their maintenance in a clean condition, where practical.
- 2.2 The permittee shall monitor and maintain records of the frequency and the method(s) used (e.g., water, chemical dust suppressants) to reasonably control fugitive emissions.
- 2.3 The permittee shall maintain records of all fugitive dust complaints received. The permittee shall take appropriate corrective action as expeditiously as practicable after receiving a valid complaint. The records shall include, at a minimum, the date that each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.
- 2.4 The permittee shall conduct a quarterly facility-wide inspection of potential sources of fugitive emissions during daylight hours and under normal operating conditions to ensure that the methods used to reasonably control fugitive emissions are effective. If fugitive emissions are not being reasonably controlled, the permittee shall take corrective action as expeditiously as practicable. The permittee shall maintain records of the results of each fugitive emissions inspection. The records shall include, at a minimum, the date of each inspection and a description of the following: the permittee's assessment of the conditions existing at the time fugitive emissions were present (if observed), any corrective action taken in response to the fugitive emissions, and the date the corrective action was taken.

Odors

- 2.5 The permittee shall not allow, suffer, cause, or permit the emission of odorous gases, liquids, or solids to the atmosphere in such quantities as to cause air pollution.
- 2.6 The permittee shall maintain records of all odor complaints received. If the complaint has merit, the permittee shall take appropriate corrective action as expeditiously as practicable. The records shall include, at a minimum, the date that each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.

Visible Emissions

- 2.7 The permittee shall not discharge any air pollutant to the atmosphere from any point of emission for a period or periods aggregating more than three minutes in any 60-minute period which is greater than 20% opacity as determined by procedures contained in IDAPA 58.01.01.625. These provisions shall not apply when the presence of uncombined water, NO_x, and/or chlorine gas is the only reason for the failure of the emission to comply with the requirements of this section.
- 2.8 The permittee shall conduct a quarterly facility-wide inspection of potential sources of visible emissions, during daylight hours and under normal operating conditions. Sources that are monitored using a continuous opacity monitoring system (COMS) are not required to comply with this permit condition. The inspection shall consist of a see/no see evaluation for each potential source of visible emissions. If any visible emissions are present from any point of emission, the permittee shall either:
- a) take appropriate corrective action as expeditiously as practicable to eliminate the visible emissions. Within 24 hours of the initial see/no see evaluation and after the corrective action, the permittee shall conduct a see/no see evaluation of the emissions point in question. If the visible emissions are not eliminated, the permittee shall comply with b).
 - or,
 - b) perform a Method 9 opacity test in accordance with the procedures outlined in IDAPA 58.01.01.625. A minimum of 30 observations shall be recorded when conducting the opacity test. If opacity is greater than 20%, as measured using Method 9, for a period or periods aggregating more than three minutes in any 60-minute period, the permittee shall take all necessary corrective actions and report the period or periods as an excess emission in the annual compliance certification and in accordance with IDAPA 58.01.01.130–136.
- 2.9 The permittee shall maintain records of the results of each visible emissions inspection and each opacity test, when conducted. The records shall include, at a minimum, the date and results of each inspection and test and a description of the following: the permittee's assessment of the conditions existing at the time visible emissions were present (if observed), any corrective action taken in response to the visible emissions, and the date corrective action was taken.

Open Burning

- 2.10 The permittee shall comply with the "Rules for Control of Open Burning" (IDAPA 58.01.01.600-623).

Reports and Certifications

- 2.11 Any reporting required by this permit—including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, notifications of intent to test, testing reports, or compliance certifications—shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete. Any reporting required by this permit shall be submitted to the following address:

Air Quality Permit Compliance
Department of Environmental Quality
Boise Regional Office
1445 N. Orchard St.
Boise, ID 83706
Phone: (208) 373-0550
Fax: (208) 373-0287

Incorporation of Federal Requirements by Reference

2.12 Unless expressly provided otherwise, any reference in this permit to any document identified in IDAPA 58.01.01.107.03 shall constitute the full incorporation into this permit of that document for the purposes of the reference, including any notes and appendices therein. Documents include, but are not limited to:

- National Emission Standards for Hazardous Air Pollutants for Source Categories (NESHAP), 40 CFR Part 63

For permit conditions referencing or cited in accordance with any document incorporated by reference (including permit conditions identified as NESHAP), should there be any conflict between the requirements of the permit condition and the requirements of the document, the requirements of the document shall govern, including any amendments to that regulation.

Material Purchase Records and Safety Data Sheets

2.13 For each material used in the welding, grinding, machining, and painting operations, the permittee shall record and maintain the following records:

- Material purchase records
- Safety Data Sheet (SDS), formerly called Material Safety Data Sheet (MSDS)

Obligation to Comply and New TAP or HAP

2.14 Receiving a PTC shall not relieve any owner or operator of the responsibility to comply with all applicable local, state, and federal rules and regulations. The permittee shall document compliance with the Rules when using new materials containing new toxic air pollutants (TAP) or hazardous air pollutants (HAP).

Shop and Paint Booth Heaters

2.15 Fuel-Burning Equipment

The permittee shall not discharge to the atmosphere from any fuel-burning equipment PM in excess of 0.015 grains per dry standard cubic foot (gr/dscf) of effluent gas corrected to 3% oxygen by volume for gas.

[8/9/2018]

2.16 Fuel Restriction

The Fuel-Burning Equipment shall combust natural gas exclusively.

[8/9/2018]

3 Painting

3.1 Process Description

All productions are performed under one building structure that has several separate rooms, such as two paint booths, welding, grinding, and assembling room. Painting operation is conducted in three enclosed paint booths. Each paint booth has its own filter system with three exhaust vents. All the spray guns are HVLP type and have 65% or greater material transfer efficiency.

3.2 Control Device Descriptions

Table 3.1 Painting Description

Emissions Units / Processes	Control Devices	Emission Points
<u>North paint booth</u> Manufacturer: Mobile Component-Built <u>South paint booth:</u> Manufacturer: Mobile Component-Built <u>Northwest paint booth:</u> Manufacturer: Booth Filter Store Model: XD-22F	<u>North spray booth filter system</u> Booth type: side draft Particulate filtration method: dry filters <u>South spray booth filter system</u> Booth type: side draft Particulate filtration method: dry filters <u>Northwest spray booth filter system</u> Booth type: side draft Particulate filtration method: dry filters <u>Spray guns</u> Manufacturer: Husky or equivalent Model: H4840GHVSG or equivalent Manufacturer: Central Pneumatic or equivalent Model: 93305 or equivalent Manufacturer: Graco or equivalent Model: FinishPro II 395 PC or equivalent	North and South paint booths have three exhaust vents on the side of the wall with various heights. Northwest paint booth recirculates filtered air back into the booth.

Emission Limits

3.3 Emission Limits

The emissions from the Paint Booth vents shall not exceed any corresponding emissions rate limits listed in Table 3.2.

Table 3.2 Paint Booth Emission Limits ^(a)

Source Description	PM ₁₀ /PM _{2.5} ^(b)	VOC ^(c)	Silica (TAP) CAS 14808-60-7
	lb/mo ^(d)	lb/mo ^(d)	lb/day ^(e)
Coating Operations ^(c)	26.67	695.0	0.1608

- a In absence of any other credible evidence, compliance is ensured by complying with permit operating, monitoring, and record keeping requirements.
- b Particulate matter with an aerodynamic diameter less than or equal to a nominal ten (10) micrometers, including condensable particulate as defined in IDAPA 58.01.01.006.
- c Volatile organic compounds.
- d Pounds per month, as determined by a test method prescribed by IDAPA 58.01.01.157, EPA reference test method, continuous emission monitoring system (CEMS) data, or DEQ-approved alternative. Limits are derived from tons per year divided by 12 and multiplied by 2000.
- e Pounds per day as determined by the conditions of this permit.

[8/9/2018]

Operating Requirements

3.4 Particulate Emissions Control

All painting operations shall be conducted in the paint booths with filter system.

3.5 Approved Monthly Coating Usage Scenario

Unless the permittee is complying with an Alternate Daily Coating Usage Scenario which demonstrates compliance with Coating Emission Limits and Screening Emission Rates, the permittee shall comply with the daily coating usage limits in Table 3.3.

Table 3.3 Approved Monthly Coating Usage Scenario

Coating Material	Daily Coating Usage Limit (gal/mo) ^(a)
Kem 400 blended colors	44.5
3T2 Xylene Thinner or equivalent	2.0
White Primer 16P100BXor equivalent	18.0

a) Gallons per calendar month

[8/9/2018]

3.6 Specialty Adhesive 2016 Daily Usage Scenario

Specialty Adhesive 2016 usage shall be limited to 35.0 gallons per day.

[8/9/2018]

Alternate Daily Coating Usage Scenarios

Unless using a Monthly or Daily Coating Usage Scenario for which compliance has previously been determined in Table 3.3 (such as when new or reformulated coating materials are introduced), each day before coating materials are used the permittee shall follow the procedures of this section. The permittee shall not use any new Daily Coating Usage Scenario until coating TAP compliance and Coating Emission Limit compliance have been demonstrated for that Scenario according to the procedures below.

3.7 Propose a Daily Coating Usage Scenario

Prior to using or implementing a new Daily Coating Usage Scenario:

- The permittee shall propose and record maximum daily coating usage limits for each coating material that will be used in the Scenario, in gallons per day (gal/day). The permittee shall not use or implement any Scenario that does not have recorded maximum daily coating usage limits.
- The permittee shall estimate emissions of PM₁₀/PM_{2.5}, VOC, and all TAP listed in Table 3.4 for the Scenario (lb/day for each pollutant), using the procedures described below for estimating emissions.
- The permittee shall demonstrate coating TAP compliance for the Scenario, using the procedures described below for demonstrating coating TAP compliance. The permittee shall not use or implement any Scenario that does not demonstrate coating TAP compliance.
- The permittee shall demonstrate Coating Emission Limit compliance for the Scenario, using the procedures described below for demonstrating Coating Emission Limit compliance. The permittee shall not use or implement any Scenario that does not demonstrate Coating Emission Limit compliance.

- The daily coating usage limits and emission estimates used in determining coating TAP compliance and Coating Emission Limit compliance shall be based on estimated emissions from all coatings to be used from all coating operations at the facility (i.e., facility-wide).

[8/9/2018]

3.8 Estimate Coating TAP Emissions

TAP emissions shall be estimated for all TAP listed in Table 3.4:

- Emissions shall be estimated by multiplying each maximum daily coating usage rate (gal/day) by the TAP content (lb/gal) of that coating, and summing the total emissions from all coating materials (lb/day). TAP emissions which are designated as a particulate in Table 3.4 may also be multiplied by one minus the documented spray gun transfer efficiency and by one minus the documented filtration system control efficiency when control equipment will be applied to such emissions.
- TAP content (lb/gal) of a coating is specified on the Safety Data Sheet (SDS) for that coating, or shall be calculated by multiplying the weight percentage of TAP (%) by the density (lb/gal) of the coating from the SDS.
- For TAP content, if a range is presented on the SDS for a coating, the highest value of the range shall be used when estimating emissions, unless documented evidence from the manufacturer or supplier demonstrates otherwise
- When the TAP content is listed as below detection on SDS or other documentation, the TAP content shall be assumed equal to the coating density divided by 100 (i.e., 1% of density in lb/gal) when estimating emissions, unless documented evidence from the manufacturer or supplier demonstrates otherwise.
- When the TAP content cannot be determined from SDS or other documentation, the TAP content shall be assumed equal to the density of the coating (lb/gal) when estimating emissions.

[8/9/2018]

3.9 Demonstrate Coating TAP Compliance

For each Daily Coating Usage Scenario, the permittee shall estimate TAP emissions and compare against the TAP Screening Emission Rates in Table 3.4:

- The permittee shall compare estimated TAP emissions for all coatings against the Screening Emission Rates in Table 3.4. For emissions equal or less than the Screening Emission Rate, modeling analyses is not required. For emissions in excess of the Screening Emission Rate, modeling analyses is required to determine the maximum modeled concentration.
- Modeled emissions from all coating operations for a Daily Coating Usage Scenario shall not exceed the Modeled Concentration Limits in Table 3.4. The permittee shall not use or implement any Scenario that exceeds a Modeled Concentration Limit.
- All modeling analyses shall use EPA-approved models and follow relevant guidance in the most recent version of the "State of Idaho Guideline for Performing Air Quality Impact Analyses," available for download at DEQ's website.

Table 3.4 TAP Screening Emission Rates and Modeled Concentration Limits

Regulated TAP	CAS	Particulate?	Screening Emission Rate (lb/day)^(a)	Modeled Concentration Limit (mg/m³)^(b)
Acetone	67-64-1	No	2856	89
Aluminum - Metal and Oxide	7429-90-5	Yes	16.008	0.5
Aluminum - Soluble Salts	7429-90-5	Yes	3.192	0.1
n-Amyl Acetate	628-63-7	No	847.2	26.5
Barium (Soluble Compounds), as Ba	7440-39-3	Yes	0.792	0.025
2-Butoxyethanol	111-76-2	No	192	6
n-Butyl Acetate	123-86-4	No	1135.2	35.5
n-Butyl Alcohol	71-36-3	No	240	7.5
Calcium Carbonate	1317-65-3	Yes	16.008	0.5
Carbon Black	1333-86-4	Yes	5.52	0.175
Cyclohexane	110-82-7	No	1680	52.5
Cyclohexanone	108-94-1	No	160.08	5
Diacetone Alcohol	123-42-2	No	384	12
Dibutyl Phthalate	84-74-2	No	7.992	0.25
o-Dichlorobenzene	95-50-1	No	480	15
Diethyl Phthalate	84-66-2	No	7.992	0.25
Diisobutyl Ketone	108-83-8	No	232.08	7.25
Dimethylphthalate	131-11-3	No	7.992	0.25
Dipropylene Glycol Methyl Ether	34590-94-8	No	960	30
2,6-Di- <i>tert</i> -butyl-p-cresol (butylated hydroxytoluene)	128-37-0	No	16.008	0.5
Ethyl Acetate	141-78-6	No	2239.2	70
Ethyl Alcohol	64-17-5	No	3000	94
Heptane (n-Heptane)	142-82-5	No	2616	82
Iron Oxide Fume (Fe ₂ O ₃) as Fe	1309-37-1	Yes	7.992	0.25
Isobutyl Acetate	110-19-0	No	1120.8	35
Isobutyl Alcohol	78-83-1	No	240	6
Isophorone Diisocyanate	4098-71-9	No	0.144	0.0045
Isopropyl Acetate	108-21-4	No	1663.2	52
Isopropyl Alcohol	67-63-0	No	1567.2	49
Kaolin	1332-58-7	Yes	3.192	0.1
Magnesite	546-93-0	Yes	16.008	0.5
Methacrylic Acid	79-41-4	No	112.08	3.5
Methyl Acetate	79-20-9	No	976.8	30.5
Methyl Ethyl Ketone (MEK)	78-93-3	No	943.2	29.5
Methyl Isoamyl Ketone	110-12-3	No	384	12
Methyl Isobutyl Carbinol	108-11-2	No	166.32	5.2

Methyl n-Amyl Ketone	110-43-0	No	376.8	11.75
Methyl Propyl Ketone	107-87-9	No	1120.8	35
Mica (Respirable Dust)	12001-26-2	Yes	4.8	0.15
Molybdenum as Mo	7439-98-7	Yes	7.992	0.25
Nonane	111-84-2	No	1680	52.5
Pentane	109-66-0	No	2832	88.5
Phosphoric Acid	7664-38-2	No	1.608	0.05
Propionic Acid	79-09-4	No	48	1.5
n-Propyl Acetate	109-60-4	No	1344	42
Propyl Alcohol	71-23-8	No	799.2	25
Silica – Amorphous, including: • Diatomaceous Earth (uncalcined) • Precipitated Silica • Silica Gel	61790-53-2 112926-00-8	Yes	16.008	0.5
Silica - Crystalline - Cristobalite	14464-46-1	Yes	0.0792	0.0025
Silica - Crystalline Quartz & Fused Silica	14808-60-7	Yes	0.1608	0.005
Stoddard Solvent	8052-41-3	No	840	26.25
Tetrahydrofuran	109-99-9	No	943.2	29.5
Trimethyl Benzene (Mixed and Individual Isomers)	25551-13-7	No	196.8	6.15
VM&P Naphtha	8032-32-4	No	2191.2	68.5
Zinc	7440-66-6	Yes	16.008	0.5
Zinc Oxide Dust	1314-13-2	Yes	16.008	0.5

- a) Worst-case pounds of emissions from all coating operations (combined) per day, as calculated using procedures in this permit to estimate these emissions, or as determined by a test method prescribed by IDAPA 58.01.01.157, EPA reference method, or DEQ-approved alternative.
- b) Milligrams of toxic air pollutant (TAP) per cubic meter, modeling proposed emission rates calculated using a daily averaging period.

[8/9/2018]

3.10 Demonstrate Coating Emission Limit Compliance

For each Daily Coating Usage Scenario, emissions from all coating operations shall be estimated and compared against the Coating Emission Limits in Table 3.2:

- PM₁₀/PM_{2.5} emissions shall be estimated by multiplying each coating maximum daily coating usage rate (gal/day) by the solids content (lb/gal) of that coating, and summing the total emissions from all coatings (lb/day). Emissions may also be multiplied by one (1) minus the transfer efficiency and by one (1) minus the filter control efficiency when control equipment will be applied to such emissions.
- VOC emissions shall be estimated by multiplying each coating maximum daily coating usage rate (gal/day) by the VOC content (lb/gal) for that coating material, and summing the total emissions from all coating materials (lb/day).
- HAP emissions shall be estimated by multiplying each coating maximum daily coating usage rate (gal/day) by the HAP content (lb/gal) for each coating material, and summing the total emissions from all coating materials (lb/day).

- For solids content, VOC content, and HAP content, if a range is presented on the SDS for a coating, the highest value of the range shall be used when estimating emissions, unless documented evidence from the manufacturer or supplier demonstrates otherwise
- When the solids content, VOC content, or HAP content is listed as below detection on SDS or other documentation, the HAP content shall be assumed equal to the coating density divided by 100 (i.e., 1% of density in lb/gal) when estimating emissions, unless documented evidence from the manufacturer or supplier demonstrates otherwise
- When the solids content, VOC content, or HAP content cannot be determined from SDS or other documentation, the content shall be assumed equal to the density of the coating (lb/gal) when estimating emissions.
- The permittee shall compare estimated emissions for all coating materials against the Coating Emission Limits in Table 3.2. The permittee shall not use or implement any Scenario that exceeds a Coating Emission Limit.

[8/9/2018]

Monitoring, Recordkeeping, and Reporting Requirements

3.11 Coating Usage Scenario Monitoring

Each calendar day on which coating materials are used, the permittee shall select and record the Daily Coating Usage Scenario that will be used for that day, and comply with the maximum daily coating usage limits specified for the selected Scenario.

- Only one Daily Coating Usage Scenario may be used each calendar day.
- The permittee shall not exceed any daily coating usage limit for the Scenario chosen that calendar day.
- The permittee shall maintain documentation such as coating material SDS, manufacturer's specification sheets that support filter control efficiencies, transfer efficiencies, capture efficiencies, and other engineering assumptions relied upon in emission calculations.

[8/9/2018]

3.12 Coating Material Usage Recordkeeping

- Each calendar month on which approved coating materials are used, the permittee shall collect and maintain records of the quantity of each material used, including but not limited to primers, basecoats, sealers, thinners, solvents, and adhesives to demonstrate compliance with Monthly Coating Usage Limits.
- Each calendar day on which coating materials are used, the permittee shall collect and maintain records of the quantity of each material used, including but not limited to primers, basecoats, sealers, thinners, solvents, and adhesives to demonstrate compliance with Specialty Adhesive 2016 or Alternate Daily Coating Usage Limits.

[8/9/2018]

3.13 Coating Material Purchase and Safety Data Sheet Recordkeeping

For each coating material used at the facility, including but not limited to primers, basecoats, sealers, thinners, solvents, and adhesives, the permittee shall record and maintain the following records:

- Material purchase records
- Safety Data Sheets (SDS)

[8/9/2018]

3.14 Coating Usage Scenario Reporting

Each year, the permittee shall submit a report by May 1st on all Daily Coating Usage Scenarios used each calendar day during the previous 365-day period. The report shall include documentation supporting the TAP compliance demonstrations and the Coating Emission Limit compliance demonstrations relied upon for each Daily Coating Usage Scenario. Documentation should be in sufficient detail, including documentation of all calculations such that DEQ can verify the analysis. The report shall be titled "Permit-Required TAP Compliance Report" and shall be sent to:

DEQ State Office
Air Quality Division
1410 N. Hilton
Boise, ID 83706

[8/9/2018]

40 CFR 63 Subpart HHHHHH Requirements

3.15 40 CFR 63, Subpart HHHHHH – MACT Standards and Management Practices for Paint Stripping and Miscellaneous Surface Coating Operations, General Compliance Requirements

Unless an exemption from EPA has been granted to this facility, in accordance with 40 CFR 63.11172(a)(2) and IDAPA 58.01.01.210, on and after the date of initial startup of this facility the permittee shall comply with the emission limitations and requirements of the National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources, 40 CFR 63, Subpart HHHHHH.

- The permittee shall meet the requirements of 40 CFR 63.11173(e)(1). All painters must be certified that they have completed training in the proper spray application of surface coatings and the proper setup and maintenance of spray equipment. The minimum requirements for training and certification are described in 40 CFR 63.11173(f). The spray application of surface coatings is prohibited by persons who are not certified as having completed the training described in 40 CFR 63.11173(f).
- All spray-applied coatings must be applied in a spray booth, preparation station, or mobile enclosure that meets the requirements of 40 CFR 63.11173(e)(2).
 - All spray booths, preparation stations, and mobile enclosures must be fitted with a type of filter technology that is demonstrated to achieve at least 98% capture of paint overspray. The procedure used to demonstrate filter efficiency must be consistent with the American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) Method 52.1.
 - Spray booths and preparation stations used to refinish complete motor vehicles or mobile equipment must be fully enclosed with a full roof, and four complete walls or complete side curtains, and must be ventilated at negative pressure so that air is drawn into any openings in the booth walls or preparation station curtains. However, if a spray booth is fully enclosed and has seals on all doors and other openings and has an automatic pressure balancing system, it may be operated at up to, but not more than, 0.05 inches water gauge positive pressure.

- Spray booths and preparation stations that are used to coat miscellaneous parts and products or vehicle subassemblies must have a full roof, at least three complete walls or complete side curtains, and must be ventilated so that air is drawn into the booth. The walls and roof of a booth may have openings, if needed, to allow for conveyors and parts to pass through the booth during the coating process.
- All spray-applied coatings must be applied with a high volume, low pressure (HVLP) spray gun, electrostatic application, airless spray gun, or air-assisted airless spray gun, in accordance with 40 CFR 63.11173(e)(3).
- All paint spray gun cleaning must be done so that an atomized mist or spray of gun cleaning solvent and paint residue is not created outside of a container that collects used gun cleaning solvent, in accordance with 40 CFR 63.11173(e)(4). Spray gun cleaning may be done by using a fully enclosed spray gun washer.
- The permittee shall ensure and certify that all new and existing personnel, including contract personnel, who spray apply surface coatings, as defined in 40 CFR 63.11180, are trained in the proper application of surface coatings as required by 40 CFR 63.11173(e)(1), in accordance with 40 CFR 63.11173(f). The training program must include, at a minimum:
 - A list of all current personnel by name and job description who are required to be trained;
 - Hands-on and classroom instruction that addresses, at a minimum, initial and refresher training in the following topics:
 - Spray gun equipment selection, set up, and operation, including measuring coating viscosity, selecting the proper fluid tip or nozzle, and achieving the proper spray pattern, air pressure and volume, and fluid delivery rate;
 - Spray technique for different types of coatings to improve transfer efficiency and minimize coating usage and overspray, including maintaining the correct spray gun distance and angle to the part, using proper banding and overlap, and reducing lead and lag spraying at the beginning and end of each stroke;
 - Routine spray booth and filter maintenance, including filter selection and installation; and,
 - Environmental compliance with the requirements of 40 CFR 63, Subpart HHHHHH.
 - A description of the methods to be used at the completion of initial or refresher training to demonstrate, document, and provide certification of successful completion of the required training. Owners and operators who can show by documentation or certification that a painter's work experience and/or training has resulted in training equivalent to the training required are not required to provide the initial training to these painters.
- All new and existing personnel at the facility, including contract personnel, who spray apply surface coatings, as defined in 40 CFR 63.11180, must be trained by the dates specified in 40 CFR 63.11173(g). Employees who transfer within a company to a position as a painter are subject to the same requirements as a new hire.
- All personnel must be trained and certified no later than 180 days after hiring. Painter training that was completed within five years prior to the date training is required, and that meets the requirements specified in 40 CFR 63.11173(f)(2) of this section satisfies this requirement and is valid for a period not to exceed five years after the date the training is completed.
- Training and certification will be valid for a period not to exceed five years after the date the training is completed, and all personnel must receive refresher training that meets the requirements of this section and be re-certified every five years.

[8/9/2018]

3.16 40 CFR 63, Subpart HHHHHH – MACT Standards and Management Practices for Paint Stripping and Miscellaneous Surface Coating Operations, Applicability of General Provisions

Unless an exemption from EPA has been granted to this facility, the parts of the General Provisions which apply to the permittee are specified in Table 3.5, in accordance with 40 CFR 63.11174(a).

Table 3.5 Applicability of General Provisions to Subpart HHHHHH of Part 63

Citation	Subject	Explanation
40 CFR 63.1(a)(1)-(12)	General Applicability	
40 CFR 63.1(b)(1)-(3)	Initial Applicability Determination	Applicability of subpart HHHHHH is also specified in 40 CFR 63.11170.
40 CFR 63.1(c)(1)	Applicability After Standard Established	
40 CFR 63.1(c)(2)	Applicability of Permit Program for Area Sources	
40 CFR 63.1(c)(5)	Notifications	
40 CFR 63.2	Definitions	Additional definitions are specified in 40 CFR 63.11180.
40 CFR 63.3(a)-(c)	Units and Abbreviations	
40 CFR 63.4(a)(1)-(5)	Prohibited Activities	
40 CFR 63.4(b)-(c)	Circumvention/Fragmentation	
40 CFR 63.6(a)	Compliance With Standards and Maintenance Requirements—Applicability	
40 CFR 63.6(b)(1)-(7)	Compliance Dates for New and Reconstructed Sources	40 CFR 63.11172 specifies the compliance dates.
40 CFR 63.6(c)(1)-(5)	Compliance Dates for Existing Sources	40 CFR 63.11172 specifies the compliance dates.
40 CFR 63.6(e)(1)-(2)	Operation and Maintenance	
40 CFR 63.6(f)(1)	Compliance Except During Startup, Shutdown, and Malfunction	
40 CFR 63.6(f)(2)-(3)	Methods for Determining Compliance	
40 CFR 63.6(g)(1)-(3)	Use of an Alternative Standard	
40 CFR 63.6(i)(1)-(16)	Extension of Compliance	
40 CFR 63.6(j)	Presidential Compliance Exemption	
40 CFR 63.9(a)-(d)	Notification Requirements	40 CFR 63.11175 specifies notification requirements.
40 CFR 63.9(i)	Adjustment of Submittal Deadlines	
40 CFR 63.9(j)	Change in Previous Information	40 CFR 63.11176(a) specifies the dates for submitting the notification of changes report.
40 CFR 63.10(a)	Recordkeeping/Reporting—Applicability and General Information	
40 CFR 63.10(b)(1)	General Recordkeeping Requirements	Additional requirements are specified in 40 CFR 63.11177.
40 CFR 63.10(b)(2)(xii)	Waiver of recordkeeping requirements	
40 CFR 63.10(b)(2)(xiv)	Records supporting notifications	
40 CFR 63.10(b)(3)	Recordkeeping Requirements for Applicability Determinations	
40 CFR 63.10(d)(1)	General Reporting Requirements	Additional requirements are specified in 40 CFR 63.11176.
40 CFR 63.10(d)(4)	Progress Reports for Sources With Compliance Extensions	
40 CFR 63.10(f)	Recordkeeping/Reporting Waiver	
40 CFR 63.12	State Authority and Delegations	
40 CFR 63.13	Addresses of State Air Pollution Control Agencies and EPA Regional Offices	
40 CFR 63.14	Incorporation by Reference	Test methods for measuring paint booth filter efficiency and spray gun transfer efficiency in 40 CFR 63.11173(e)(2) and (3) are incorporated and included in 40 CFR 63.14.
40 CFR 63.15	Availability of Information/Confidentiality	
40 CFR 63.16(a)	Performance Track Provisions—reduced reporting	

[8/9/2018]

3.17 40 CFR 63, Subpart HHHHHH – MACT Standards and Management Practices for Paint Stripping and Miscellaneous Surface Coating Operations, Recordkeeping

Unless an exemption from EPA has been granted to this facility, in accordance with 40 CFR 63.11172(a)(2), on and after the date of initial startup of this facility the permittee shall comply with the applicable emission limitations and requirements of the National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources, 40 CFR 63, Subpart HHHHHH.

- The permittee shall keep the following records in accordance with 40 CFR 63.11177(a), (b), (d), (g), and (h) as applicable.
 - Certification that each painter has completed the training specified in 40 CFR 63.11173(f) with the date the initial training and the most recent refresher training was completed.
 - Documentation of the filter efficiency of any spray booth exhaust filter material, according to the procedure in 40 CFR 63.11173(e)(3)(i).
 - Copies of any notification submitted as required by 40 CFR 63.11175 and copies of any report submitted as required by 40 CFR 63.11176.
 - Records of any deviation from the requirements in 40 CFR 63.11173, 63.11174, 63.11175, or 63.11176. These records must include the date and time period of the deviation, and a description of the nature of the deviation and the actions taken to correct the deviation.
 - Records of any assessments of source compliance performed in support of the initial notification, notification of compliance status, or annual notification of changes report.

In accordance with 40 CFR 63.11178(a), the permittee shall maintain copies of the records specified in 40 CFR 63.11177 for a period of at least five years after the date of each record. Copies of records must be kept on site and in a printed or electronic form that is readily accessible for inspection for at least the first two years after their date, and may be kept off-site after that two year period.

[8/9/2018]

3.18 40 CFR 63, Subpart HHHHHH – MACT Standards and Management Practices for Paint Stripping and Miscellaneous Surface Coating Operations, Reports

Unless an exemption from EPA has been granted to this facility, in accordance with 40 CFR 63.11172(a)(2), on and after the date of initial startup of this facility the permittee shall comply with the applicable emission limitations and requirements of the National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources, 40 CFR 63, Subpart HHHHHH.

- Annual Notification of Changes Report. In accordance with 40 CFR 63.11176, the permittee is required to submit a report in each calendar year in which information previously submitted in either the initial notification required by 40 CFR 63.11175(a), Notification of Compliance, or a previous annual notification of changes report submitted has changed. Deviations from the relevant requirements in 40 CFR 63.11173(a) through (d) or 40 CFR 63.11173(e) through (g) on the date of the report will be deemed to be a change. The annual notification of changes report must be submitted prior to March 1 of each calendar year when reportable changes have occurred and must include the following information.
 - The company's name and the street address (physical location) of the affected source and the street address where compliance records are maintained, if different.

- The name, title, address, telephone, e-mail address (if available) and signature of the owner and operator, or other certifying company official, certifying the truth, accuracy, and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart or an explanation of any noncompliance and a description of corrective actions being taken to achieve compliance.
- Any notifications or reporting required by the National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources, 40 CFR 63, Subpart HHHHHH or Subpart A – General Provisions shall be submitted to both of the following addresses in accordance with 40 CFR 63.13:

EPA Region 10, Mail Stop: OAW-150
1200 Sixth Avenue, Suite 900
Seattle, WA 98101

and,

Boise Regional Office
1445 N. Orchard
Boise, ID 83706
fax: (208) 373-0287

[8/9/2018]

3.19 Incorporation of Federal Requirements by Reference

Unless expressly provided otherwise, any reference in this permit to any document identified in IDAPA 58.01.01.107.03 shall constitute the full incorporation into this permit of that document for the purposes of the reference, including any notes and appendices therein. Documents include, but are not limited to:

- National Emission Standards for Hazardous Air Pollutants (NESHAP) Area Sources, 40 CFR Part 63, Subpart HHHHHH.

For permit conditions referencing or cited in accordance with any document incorporated by reference (including permit conditions identified as NESHAP), should there be any conflict between the requirements of the permit condition and the requirements of the document, the requirements of the document shall govern, including any amendments to that regulation.

[8/9/2018]

4 Fabrication

4.1 Process Description

The permittee uses a variety of welding wires and uses Gas Metal Arc Welding (GMAW), Shielded Metal Arc Welding (SMAW) and Flux Cored Arc Welding (FCAW) welding processes. Descriptions of GMAC, SMAW and FCAW are available in AP-42 Chapter 12.19 Electric Arc Welding.

At the time of permit issuance, all productions are performed under one building structure that has several separate rooms, such as two paint booths, welding, grinding, and assembling room. The building has gates, doors, and exhaust vents. A smog-hog fume collector is located at the center of the welding, grinding, and assembling room. It collects the captured particulates from the intake air and resends the cleaned air back to the room. Part of the air in the room is intaken into the smog-hog fume collector through two vertical squared ducts with two duct openings near the roof of the room. Four natural gas-fired heaters heat the building.

4.2 Control Device Descriptions

Table 4.1 Fabrication Description

Emissions Units / Processes	Control Devices	Emission Points
<u>Welding</u> Welding process: Gas Metal Arc Welding (GMAC) Flux Cored Arc Welding (FCAW) Shielded Metal Arc Welding (SMAW)	None	Various
<u>Grinding</u> Pedestal grinders Hand-held grinders		

Emission Limits

4.3 Emission Limits

The emissions estimated from welding shall not exceed any corresponding emissions rate limits listed in Table 4.2.

Table 4.2 Welding Emission Limits^(a)

Source Description	PM ₁₀ /PM _{2.5} ^(b)		INDIVIDUAL TAP - Nickel	
	lb/hr ^(c)	T/yr ^(d)	lb/hr ^(c)	T/yr ^(d)
Welding	0.05	0.24	2.7E-05	1.2E-04
Grinding	0.01	0.04		

- a In absence of any other credible evidence, compliance is ensured by complying with permit operating, monitoring, and record keeping requirements.
- b Particulate matter with an aerodynamic diameter less than or equal to a nominal ten (10) micrometers, including condensable particulate as defined in IDAPA 58.01.01.006.
- c Pounds per hour, as determined by a test method prescribed by IDAPA 58.01.01.157, EPA reference test method, continuous emission monitoring system (CEMS) data, or DEQ-approved alternative.
- d Tons per any consecutive 12-calendar month period.

[8/9/2018]

Operating Requirements

4.4 Welding Wire Usage and Welding Process

- The permittee shall use the welding wires and welding processes as specified in Table 4.3.
- The welding wire usage of Element 71T1M or equivalent shall not exceed the daily and annual limits listed in Table 4.3.
- In any calendar week, the welding wire usage of Lincoln 6011 or equivalent, Jetrod 7024 or equivalent, Hobart ER70S-6 Premier Arc 6 or equivalent, and Voestapine Bohler Welding Avesta 308L or equivalent shall not exceed the weekly limits listed in Table 4.3.
- For the purposes of Table 4.3, “or equivalent” is defined as that a HAP and TAP content of a new welding wire is equal to or less than the HAP and TAP content, as listed in the SDS, of the respective welding wire listed in Table 4.3.

Table 4.3 Welding Wires Throughput Limits

Welding Process	Welding Wire	Throughput Limits
FCAW	Element 71T1M or equivalent	157 lb/day 8188.8 lb/year, based on rolling 12-month period
GMAW	Lincoln 6011 or equivalent	88 lb/week
GMAW	Jetrod 7024 or equivalent	88 lb/week
GMAW	Hobart ER70S-6 Premier Arc 6	210 lb/week
GMAW	Voestapine Bohler Welding Avesta 308L	20 lb/week

[8/9/2018]

4.5 Grinding Wheels and Grinding Discs Usage

- The permittee shall use the grinding wheels and grinding discs as specified in Table 4.3.
- In any calendar month, the grinding wheels and grinding discs shall not exceed the monthly limits listed in Table 4.3.
- For the purposes of Table 4.3, “or equivalent” is defined as that a HAP and TAP content of a new grinding wheel or grinding disc, as listed in SDS, is equal to or less than the HAP and TAP content, as listed in the SDS, of the respective grinding wheel or grinding disc listed in Table 4.3.

Table 4.3. Grinding Wheel or Grinding Disc Throughput Limits

Grinding Wheel or Grinding Disc	Monthly Limit (lb/month)
Hard grinding disc for 4.5 inch wheel	3.6 lb/month
Flap grinding disc for 4.5 inch flap wheel	3.6 lb/month
Grinding wheel for 8 inch bench grinder	0.4 lb/month

Monitoring and Recordkeeping Requirements

4.6 Records of Welding Wire and Welding Process

- For Element 71T1M or equivalent
 - Every day, the permittee shall monitor and record the welding wire daily usage, in pounds, to demonstrate compliance with the daily throughput limit.
 - Every month, the permittee shall monitor and record the welding wire monthly usage, in pounds. The permittee shall add the monthly wire usage to the previous consecutive 11-month wire usage to demonstrate compliance with the annual throughput limit.

- Every month, the permittee shall record the welding wire type, welding wire product name and model, and the corresponding welding process.
- For Lincoln 6011 or equivalent, Jetrod 7024 or equivalent, Hobart ER70S-6 Premier Arc 6 or equivalent, and Voestapine Bohler Welding Avesta 308L or equivalent:
The permittee shall monitor and record weekly, for each welding wire, the welding wire type, welding wire product name and model, the welding wire weekly usage, in pounds, and the corresponding welding process.

[8/9/2018]

4.7 Records of Grinding Wheels and Grinding Discs Usage

Every month, the permittee shall record grinding wheels and grinding discs monthly usages to demonstrate compliance with the monthly throughput limits.

5 General Provisions

General Compliance

5.1 The permittee has a continuing duty to comply with all terms and conditions of this permit. All emissions authorized herein shall be consistent with the terms and conditions of this permit and the “Rules for the Control of Air Pollution in Idaho.” The emissions of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit, the “Rules for the Control of Air Pollution in Idaho,” and the Environmental Protection and Health Act (Idaho Code §39-101, et seq.)

[Idaho Code §39-101, et seq.]

5.2 The permittee shall at all times (except as provided in the “Rules for the Control of Air Pollution in Idaho”) maintain in good working order and operate as efficiently as practicable all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable Idaho laws for the control of air pollution.

[IDAPA 58.01.01.211, 5/1/94]

5.3 Nothing in this permit is intended to relieve or exempt the permittee from the responsibility to comply with all applicable local, state, or federal statutes, rules, and regulations.

[IDAPA 58.01.01.212.01, 5/1/94]

Inspection and Entry

5.4 Upon presentation of credentials, the permittee shall allow DEQ or an authorized representative of DEQ to do the following:

- Enter upon the permittee’s premises where an emissions source is located, emissions-related activity is conducted, or where records are kept under conditions of this permit;
- Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;
- Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
- As authorized by the Idaho Environmental Protection and Health Act, sample or monitor, at reasonable times, substances or parameters for the purpose of determining or ensuring compliance with this permit or applicable requirements.

[Idaho Code §39-108]

Construction and Operation Notification

5.5 This permit shall expire if construction has not begun within two years of its issue date, or if construction is suspended for one year.

[IDAPA 58.01.01.211.02, 5/1/94]

5.6 The permittee shall furnish DEQ written notifications as follows:

- A notification of the date of initiation of construction, within five working days after occurrence; except in the case where pre-permit construction approval has been granted then notification shall be made within five working days after occurrence or within five working days after permit issuance whichever is later;
- A notification of the date of any suspension of construction, if such suspension lasts for one year or more; and

- A notification of the initial date of achieving the maximum production rate, within five working days after occurrence - production rate and date.

[IDAPA 58.01.01.211.01, 5/1/94]

- A notification of the anticipated date of initial start-up of the stationary source or facility not more than sixty days or less than thirty days prior to such date; and
- A notification of the actual date of initial start-up of the stationary source or facility within fifteen days after such date.

[IDAPA 58.01.01.211.03, 5/1/94]

Performance Testing

5.7 If performance testing (air emissions source test) is required by this permit, the permittee shall provide notice of intent to test to DEQ at least 15 days prior to the scheduled test date or shorter time period as approved by DEQ. DEQ may, at its option, have an observer present at any emissions tests conducted on a source. DEQ requests that such testing not be performed on weekends or state holidays.

5.8 All performance testing shall be conducted in accordance with the procedures in IDAPA 58.01.01.157. Without prior DEQ approval, any alternative testing is conducted solely at the permittee's risk. If the permittee fails to obtain prior written approval by DEQ for any testing deviations, DEQ may determine that the testing does not satisfy the testing requirements. Therefore, at least 30 days prior to conducting any performance test, the permittee is encouraged to submit a performance test protocol to DEQ for approval. The written protocol shall include a description of the test method(s) to be used, an explanation of any or unusual circumstances regarding the proposed test, and the proposed test schedule for conducting and reporting the test.

5.9 Within 60 days following the date in which a performance test required by this permit is concluded, the permittee shall submit to DEQ a performance test report. The report shall include a description of the process, identification of the test method(s) used, equipment used, all process operating data collected during the test period, and test results, as well as raw test data and associated documentation, including any approved test protocol.

[IDAPA 58.01.01.157, 4/5/00 and 4/11/15]

Monitoring and Recordkeeping

5.10 The permittee shall maintain sufficient records to ensure compliance with all of the terms and conditions of this permit. Monitoring records shall include, but not be limited to, the following: (a) the date, place, and times of sampling or measurements; (b) the date 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 existing at the time of sampling or measurement. All monitoring records and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes, but is not limited to, all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. All records required to be maintained by this permit shall be made available in either hard copy or electronic format to DEQ representatives upon request.

[IDAPA 58.01.01.211, 5/1/94]

Excess Emissions

- 5.11 The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130–136 for excess emissions due to start-up, shut-down, scheduled maintenance, safety measures, upsets, and breakdowns.

[IDAPA 58.01.01.130–136, 4/5/00]

Certification

- 5.12 All documents submitted to DEQ—including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certification—shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete.

[IDAPA 58.01.01.123, 5/1/94]

False Statements

- 5.13 No person shall knowingly make any false statement, representation, or certification in any form, notice, or report required under this permit or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.125, 3/23/98]

Tampering

- 5.14 No person shall knowingly render inaccurate any monitoring device or method required under this permit or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.126, 3/23/98]

Transferability

- 5.15 This permit is transferable in accordance with procedures listed in IDAPA 58.01.01.209.06.

[IDAPA 58.01.01.209.06, 4/11/06]

Severability

- 5.16 The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

[IDAPA 58.01.01.211, 5/1/94]