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. Tippets, Director

August 16, 2016

Greg Wallace, owner
EPSCO Powder & Industrial Coatings, LLC
108 W. 37th St.
Boise, ID 83714

RE: Facility ID No. 001-00155, EPSCO Powder & Industrial Coatings, LLC, Boise
Final Permit Letter

Dear Mr. Wallace:

The Department of Environmental Quality (DEQ) is issuing Permit to Construct (PTC) No. P-2009.0147 Project 61723 to EPSCO Powder & Industrial Coatings, LLC located at Boise for the modification of the current permit to remove a coating operation and install a bed lining operation utilizing a General Permit. This PTC is issued in accordance with IDAPA 58.01.01.200 through 228 (Rules for the Control of Air Pollution in Idaho) and is based on the certified information provided in your PTC application received May 24, 2016.

This permit is effective immediately and replaces PTC No. P-2009.0147, issued on February 19, 2010. This permit does not release EPSCO Powder & Industrial Coatings, LLC from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances.

Pursuant to the Construction and Operation Notification General Provision of your permit, it is required that construction and operation notification be provided. Please provide this information as listed to DEQ's Boise Regional Office, 1445 N. Orchard, Boise, ID 83706, Fax (208) 373-0287.

In order to fully understand the compliance requirements of this permit, DEQ highly recommends that you schedule a meeting with Tom 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 Darrin Pampaian at (208) 373-0502 or darrin.pampaian@deq.idaho.gov to address any questions or concerns you may have with the enclosed permit.

Sincerely,

Mike Simon
Stationary Source Program Manager
Air Quality Division

MS\drp

Permit No. P-2009.0147 PROJ 61723

Enclosures

AIR QUALITY

PERMIT TO CONSTRUCT

Permittee	EPSCO Powder & Industrial Coatings, LLC
Permit Number	P-2009.0147
Project ID	61723
Facility ID	001-00155
Facility Location	108 W. 37th St. Boise, ID 83714

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, 2016

Darrin Pampaian, P.E., Permit Writer

Mike Simon, Stationary Source Manager

Contents

PERMIT SCOPE 3
AUTOMOTIVE COATING OPERATION 4
ABRASIVE BLASTING BOOTH 14
GENERAL PROVISIONS 16

PERMIT SCOPE

Purpose

1. This is the modified permit to construct (PTC) of an existing coating and abrasive blasting facility to add an automotive bed lining operation.
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.
3. This PTC replaces Permit to Construct No. P-2009.0147, issued on February 19, 2010.
4. The emission sources regulated by this permit are listed in the following table.

Table 1 REGULATED SOURCES

Source Descriptions	Emission Controls
Paint spray booth(s): Manufacturer(s): Colmet or equivalent Model(s): IB-16-12-20-00 or equivalent Note: The number of booths installed at the facility is not limited by this permit.	Paint spray booth(s) and/or preparation station filter system: Booth Type(s): Rear booth filter wall Particulate filtration method: Dry Filters Manufacturer(s): Colmet or equivalent Model(s): IB-16-12-20-00 or equivalent PM/PM_{10} Efficiency: 98% or greater Coating spray gun(s): Manufacturer: Graco or equivalent Model: E-XP2 or equivalent Type: HVLP or equivalent Transfer Efficiency: 65% or greater
Abrasive Blasting Booth	Air filters

[8/16/2016]

AUTOMOTIVE COATING OPERATION

Process Description

5. Process Description

The paint booth(s) is a pressurized rear filter wall booth(s) with glass fiber filtration media for control of particulate emissions. Drying and paint curing is done in the paint booth(s). The process includes application of coatings via a HVLP (or equivalent) paint gun. In this case "or equivalent" means a paint gun that has a minimum 65% transfer efficiency as documented by the spray gun manufacturer.

[8/16/2016]

6. Emissions Control Description

The paint spray booth utilizes glass fiber filtration media for control of particulate matter emissions from the automotive coating operation. In addition, HVLP paint guns (or equivalent) are used to minimize PM_{10} and VOC emissions from painting. The HVLP (or equivalent) spray equipment will control PM_{10} and VOC emissions by having more paint transfer to the desired surfaces than traditional painting equipment.

[8/16/2016]

Table 2 AUTOMOTIVE COATING OPERATION DESCRIPTION

Emissions Units / Processes	Control Devices	Emission Points
Paint spray booth(s) and/or preparation station(s)	Paint spray booth(s) filter system and/or preparation station(s) filter system HVLP spray guns (or equivalent)	Paint booth(s) stack exhaust and/or preparation station exhaust

[8/16/2016]

Emission Limits

7. Emission Limits

The PM_{10} and VOC emissions from the paint booth(s) stack shall not exceed any emissions rate limit in the following table.

Table 3 PAINT BOOTH(S) AND/OR PREPARATION STATION EMISSION LIMITS [a]

Source Description	PM_{10} [b]		VOC	
	lb/hr [c]	T/yr [d]	lb/hr [c]	T/yr [d]
Paint spray booth and/or preparation station	0.04	0.171	5.59	24.47

a) In absence of any other credible evidence, compliance is assured 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 method, or DEQ-approved alternative.
d) Tons per any consecutive 12-calendar month period.

[8/16/2016]

8. Opacity Limit

Emissions from the paint booth(s) stack(s), or any other stack, vent, or functionally equivalent opening associated with the paint booth(s), shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute period as required by IDAPA 58.01.01.625. Opacity shall be determined by the procedures contained in IDAPA 58.01.01.625.

[8/16/2016]

9. Odors

The permittee shall not allow, suffer, cause, or permit the emission of odorous gases, liquids, or solids into the atmosphere of such nature and duration and under such conditions as would be injurious to human health or welfare, to animal or plant life, or to property, or to interfere unreasonably with the enjoyment of life or property in accordance with IDAPA 58.01.01.776.

[8/16/2016]

Operating Requirements

10. Prohibition From Using MeCl to Remove Paint

The permittee shall not use Methylene Chloride (MeCl) (CAS #75-09-0) to remove paint at this facility.

[8/16/2016]

11. Coating Materials Use Limit

Except as specified in the Bed Liner "Component B" Exclusion permit condition, the combination of all coating materials used in the automotive coating process, including but not limited to all pre-treatment wash primer, primer, topcoat, clear coat, catalyst, activator, hardener, thinner/reducer, undercoating, and isocyanate-containing bed liner component coatings shall not exceed 4.0 gallons (equivalent to 16 quarts, 32 pints, 512 fluid ounces, or 15.14 liters) per calendar day. Isocyanate-containing bed liner components include (but are not limited to) those containing hexamethylene diisocyanate and/or methylene diisocyanate.

[8/16/2016]

12. Bed Liner "Component B" Exclusion

Bed liner component coatings which do not contain isocyanates shall not be counted when determining the quantity of materials used in the automotive coating process as specified in the Coating Materials Usage Recordkeeping permit condition, for demonstrating compliance with the Coating Materials Use Limit permit condition.

[8/16/2016]

13. Spray Gun and Spray Booth(s) Filter System

- All painting at this facility, including application of primer, undercoating, and bed lining coatings shall be conducted inside the booth(s) or preparation station(s) with filter system in place, exhaust fan(s) operating, and door(s) or curtain(s) closed. For complete vehicles the booth 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 side curtains. For coating miscellaneous parts and products or vehicle subassemblies the preparation station 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 preparation station.
- All painting shall be conducted with a HVLP spray gun, or equivalent technology, with a minimum 65% transfer efficiency as documented by the spray gun manufacturer.

- The permittee shall install, maintain, and operate according to the manufacturer's specifications and recommendations, a spray booth filter system or a preparation station filter system with a minimum control efficiency of 98% for PM_{10} emissions as documented by the filter manufacturer.

[8/16/2016]

Monitoring and Recordkeeping Requirements

14. Odor Complaints

The permittee shall maintain records of all odor complaints received to demonstrate compliance with the Odors Permit Condition. The permittee shall take appropriate corrective action as expeditiously as practicable. The records shall include, at a minimum, the date 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.

[8/16/2016]

15. Material Purchase Records and Safety Data Sheets

For each material used in the automotive coating process, including but not limited to pre-treatment wash primer, primer, topcoat, clear coat, catalyst, activator, hardener, and thinner/reducer, undercoating, and bed liner component coating the permittee shall record and maintain the following records:

- Material purchase records
- Safety Data Sheets (SDS)

[8/16/2016]

16. Coating Materials Usage Recordkeeping

When the automotive coating process is in operation the permittee shall collect and maintain records of the following information to demonstrate compliance with the Coating Materials Use Limit permit condition:

- On a calendar day basis, the quantity of each material used in the automotive coating process, including but not limited to pre-treatment wash primer, primer, topcoat, clear coat, catalyst, activator, hardener, and thinner/reducer, undercoating, and isocyanate-containing bed liner component coating.

[8/16/2016]

17. Recordkeeping

The permittee shall comply with the recordkeeping General Provision requirements.

[8/16/2016]

40 CFR 63, Subpart HHHHHH Requirements (If Applicable)

18. 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 the EPA has been granted to this facility in accordance with 40 CFR 63.11170 (a)(2), in accordance with 40 CFR 63.11172(a)(2), on and after January 10, 2011 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 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.
- Each owner or operator must 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 or no later than January 10, 2011, whichever is later. 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.
- The parts of the General Provisions which apply to the permittee are specified in Table 4, in accordance with 40 CFR 63.11174(a).

Table 4 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	

[8/16/2016]

19. 40 CFR 63, Subpart HHHHHH – MACT Standards and Management Practices for Paint Stripping and Miscellaneous Surface Coating Operations, Recordkeeping

Unless an exemption from the EPA has been granted to this facility in accordance with 40 CFR 63.11170 (a)(2), in accordance with 40 CFR 63.11172(a)(2), on and after January 10, 2011 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) through (d) and (h).
  - 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)(2).
  - 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.
- 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 in accordance with 40 CFR 63.11178(a). 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.
- 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.

[8/16/2016]

20. 40 CFR 63, Subpart HHHHHH – MACT Standards and Management Practices for Paint Stripping and Miscellaneous Surface Coating Operations, Notifications

Unless an exemption from the EPA has been granted to this facility in accordance with 40 CFR 63.11170 (a)(2), in accordance with 40 CFR 63.11172(a)(2), on and after January 10, 2011 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.

- *Initial Notification.* The permittee must submit the initial notification required by 40 CFR 63.9(b) in accordance with 40 CFR 63.11175(a). For this existing source, the permittee must submit the Initial Notification no later than January 11, 2010. The initial notification must provide the following information.
  - The company name, if applicable;
  - The name, title, street address, telephone number, e-mail address (if available), and signature of the owner and operator, or other certifying company official;
  - The street address (physical location) of the affected source and the street address where compliance records are maintained, if different.
  - An identification of the relevant standard, such as 40 CFR part 63, Subpart HHHHHH;
  - A brief description of the type of operation. For all surface coating operations, indicate whether the source is a motor vehicle and mobile equipment surface coating operation or a miscellaneous surface coating operation, and include the number of spray booths and preparation stations, and the number of painters usually employed at the operation.
  - A statement of whether the source is already in compliance with each of the relevant requirements of this subpart, or whether the source will be brought into compliance by the compliance date.
  - The permittee must certify in the initial notification whether the source is in compliance with each of the requirements of 40 CFR 63, Subpart HHHHHH. If the permittee is certifying in the initial notification that the source is in compliance with the relevant requirements of this subpart, then include also a statement by a responsible official with that official's name, title, phone number, e-mail address (if available) and signature, certifying the truth, accuracy, and completeness of the notification, a statement that the source has complied with all the relevant standards of this subpart, and that this initial notification also serves as the notification of compliance status.
- *Notification of Compliance Status*. The permittee is not required to submit a separate notification of compliance status in addition to the initial notification provided the permittee was able to certify compliance on the date of the initial notification as part of the initial notification, and the permittee's compliance status has not since changed in accordance with 40 CFR 63.11175(b). The permittee must submit a Notification of Compliance Status by March 11, 2011. The permittee is required to submit the following information with the Notification of Compliance Status:
  - 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. For surface coating operations, the relevant requirements are specified in 40 CFR 63.11173(e) through (g).
- The date of the Notification of Compliance Status.

[8/16/2016]

21. 40 CFR 63, Subpart HHHHHH – MACT Standards and Management Practices for Paint Stripping and Miscellaneous Surface Coating Operations, Reports

Unless an exemption from the EPA has been granted to this facility in accordance with 40 CFR 63.11170 (a)(2), in accordance with 40 CFR 63.11172(a)(2), on and after January 10, 2011 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
  Manager, Federal and Delegated Air Programs Unit
  Office of Air, Waste, and Toxics
  1200 Sixth Avenue, Suite 900
  (AWT–107)
  Seattle, WA 98101

And,

Air Quality Permit Compliance
Department of Environmental Quality
Boise Regional Office
1445 N. Orchard
Boise, ID 83706

Phone: (208) 373-0550
Fax: (208) 373-0287

[8/16/2016]

22. 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.

[8/16/2016]

ABRASIVE BLASTING BOOTH

Process Description

23. Process Description

Abrasive blasting is used for a variety of surface cleaning and texturing operations, mostly involving metallic target materials. Sand is the most widely used blasting abrasive. Other abrasive materials include coal slag, smelter slag, and mineral, metallic, and synthetic abrasives.

24. Emissions Control Description

An air filter will be used to control particulate matter emissions.

Table 5 ABRASIVE BLASTING BOOTH OPERATION DESCRIPTION

Emissions Units / Processes	Control Devices	Emission Points
Abrasive blasting booth	Particulate air filter	Exhaust Stack

Emission Limits

25. Emission Limits

The PM_{10} and VOC emissions from the paint booth(s) stack shall not exceed any emissions rate limit in the following table.

Table 6 ABRASIVE BLASTING BOOTH OPERATION EMISSION LIMITS [a]

Source Description	PM_{10} [b]	
	lb/hr [c]	T/yr [d]
Abrasive blasting booth stack	0.60	0.11

a) In absence of any other credible evidence, compliance is assured 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 method, or DEQ-approved alternative.
d) Tons per any consecutive 12-calendar month period.

26. Opacity Limit

Emissions from the abrasive blasting booth stack, or any other stack, vent, or functionally equivalent opening associated with the abrasive blasting booth, shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute period as required by IDAPA 58.01.01.625. Opacity shall be determined by the procedures contained in IDAPA 58.01.01.625.

Operating Requirements

27. Hours of Operation Limits

- The maximum daily hours of operation of the abrasive blasting booth shall not exceed 12 hour per day (hrs/day).
- The maximum annual hour of operation of the abrasive blasting booth shall not exceed 4,485 hour per any consecutive 12-month period (hrs/yr).

28. Operations and Maintenance Manual

The permittee shall have developed an O&M manual for the air filters of the abrasive blasting booth. The O&M manual shall describe the procedures that will be followed to comply with the General Compliance General Provision and the manufacturer specifications of the air filters. The manual shall address the operation, maintenance, and frequency for replacements of the air filters and shall, at a minimum, include a general description, normal operating conditions and procedures, methods of preventing malfunctions, appropriate corrective actions to be taken, and provisions for weekly inspections. A log shall also be maintained at the site which shows the date for each air filter replacement. The O&M manual shall remain on site at all times and shall be made available to DEQ representatives upon request.

29. Reasonable Control of Fugitive Emissions

All reasonable precautions shall be taken to prevent particulate matter from becoming airborne in accordance with IDAPA 58.01.01.650-651.

Monitoring and Recordkeeping Requirements

30. Monitoring Hours of Operation

The permittee shall monitor and record, when in operation, the abrasive blasting booth's operating hours. Operating hours shall be recorded as hours per day and hour per any consecutive 12-month period.

31. Fugitive Dust Monitoring

The permittee shall maintain records of all fugitive dust complaints received. The permittee shall take appropriate corrective action as expeditiously as practicable after receipt of a valid complaint. The records shall include, at 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.

GENERAL PROVISIONS

General Compliance

32. 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 and 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.]

33. 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]

34. 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

35. 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 or 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

36. 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]

37. The permittee shall furnish DEQ written notifications as follows in accordance with IDAPA 58.01.01.211:
    - 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;

- 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

38. 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, at its option, may 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.

39. 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.

40. 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 written 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

41. The permittee shall maintain sufficient records to ensure compliance with all of the terms and conditions of this permit. Records of monitoring information 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 and 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

42. The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130-136 for excess emissions due to startup, shutdown, scheduled maintenance, safety measures, upsets and breakdowns.

[IDAPA 58.01.01.130-136, 4/5/00]

Certification

43. 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

44. 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

45. 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

46. 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

47. 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]