OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY

GENERAL

AIR CONTAMINANT DISCHARGE PERMIT

Department of Environmental Quality
Air Quality Division
Air Operations Section
700 NE Multnomah Street, Suite 600
Portland, OR 97232
Telephone: (503) 229-5696

This permit is being issued in accordance with the provisions of ORS 468A.040 and OAR 340-216-0060.

ISSUED BY THE DEPARTMENT OF ENVIRONMENTAL QUALITY

Signed Copy on File with DEQ	September 16, 2021
Ali Mirzakhalili, Air Quality Division Administrator	Dated

Paint stripping operations, autobody refinishing operations, and spray application of coatings subject to 40 C.F.R. part 63 subpart HHHHHH, as adopted under OAR Chapter 340 Division 244.

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1.0 PERMIT ASSIGNMENT

1.1. Qualifications

The permittee must meet all of the following conditions in order to qualify for assignment to this General Air Contaminant Discharge Permit (ACDP):

a. The permittee performs at least one of the following activities:
   i. Paint stripping using methylene chloride (MeCl) for the removal of dried paint (including, but not limited to, paint, enamel, varnish, shellac, and lacquer) from wood, metal, plastic, and other substrates;
   ii. Spray application of coatings to motor vehicles and mobile equipment including operations located at stationary structures in fixed locations and mobile operations that travel to the customer's location; or
   iii. Spray application of coatings that contain target Hazardous Air Pollutant(s) (HAP), compounds of chromium (Cr), lead (Pb), manganese (Mn), nickel (Ni), or cadmium (Cd).
b. The permittee does not use a total of coatings with more than 12.0 lbs of any chromium compounds in any 12 consecutive month period. See Condition 13.2;
c. A Simple or Standard ACDP is not required for the source; and
d. The source is not having ongoing, recurring or serious compliance problems.

1.2. Exclusions

This permit is not applicable to the following surface coating or paint stripping operations or activities:

a. Operations that meet the criteria in Condition 1.1.a that have received a conditional exemption from DEQ for either this General ACDP or NESHAP 6H (40 C.F.R. part 63 subpart HHHHHH) and continue to meet the criteria for conditional exemption;
b. Spray coating applications that meet the definition of "facility maintenance" or "space vehicle" as defined in Condition 13.1;
c. Surface coating or paint stripping performed on site at installations owned or operated by the Armed Forces of the United States (including the Coast Guard and the National Guard of any such State), the National Aeronautics and Space Administration, or the National Nuclear Security Administration;
d. Surface coating or paint stripping of military munitions, as defined in Condition 13.1, manufactured by or for the Armed Forces of the United States (including the Coast Guard and the National Guard of any such State) or equipment directly and exclusively used for the purposes of transporting military munitions;
e. Surface coating or paint stripping performed by individuals on their personal vehicles, possessions, or property, either as a hobby or for maintenance of their personal vehicles, possessions or property. This permit does not apply when these operations are performed by individuals for others without compensation. An individual who spray applies surface coating to more than two motor vehicles or pieces of mobile equipment per year is subject to the requirements in this permit regardless of whether compensation is received;
f. Surface coating or paint stripping that meets the definition of "research and laboratory activities" in Condition 13.1;
g. Surface coating or paint stripping that meets the definition "quality control activities" in Condition 13.1; and
h. Surface coating or paint stripping activities that are covered under an area source NESHAP other than 40 C.F.R. part 63 subpart HHHHHH.

1.3. Assignment

DEQ will assign qualifying permittees to this permit that have and maintain a good record of compliance with DEQ's Air Quality regulations and that DEQ determines would be appropriately regulated by a General ACDP. DEQ may rescind assignment if the permittee no longer meets the qualifications in Condition 1.1, conditions of OAR 340-216-0060, or the Conditions of this permit.

1.4. Permitted Activities

Until this permit expires, is modified, or is revoked, the permittee is allowed to discharge air contaminants from processes and activities directly related to or associated with the air contaminant source(s) listed on the first page of this permit in addition to any categorically insignificant activities, as defined in OAR 340-200-0020, at the source. Discharge of air contaminants from any other equipment or activity not identified herein is not authorized by this permit.

1.5. Relation to Local Land Use Laws

This permit is not valid in Lane County, or at any location where the operation of the permittee's processes, activities, or insignificant activities would be in violation of any local land use or zoning laws. For operation in Lane County, contact Lane Regional Air Protection Agency for any necessary permits at (541) 736-1056. The permittee must obtain local land use approvals as, or where, applicable before operating this facility at any location.

2.0 GENERAL EMISSION STANDARDS AND LIMITS

2.1. Visible Emissions

The permittee must comply with the following visible emission limits:

a. Visible emissions must not equal or exceed an average of 20 percent opacity;
b. The visible emission limitation in this condition is based upon a six-minute block average of 24 consecutive observations recorded at 15-second intervals as specified in OAR 340-208-0110(2); and
c. The visible emission standard in this condition does not apply to fugitive emissions from the source.

2.2. Fugitive Emissions

The permittee must comply with the following: [OAR 340-208-0210]

a. The permittee must take reasonable precautions to prevent particulate matter, including fugitive dust, from becoming airborne from all site operations from which it may be generated;
b. The permittee must not allow visible fugitive particulate emissions to leave the permittee's property for a period or periods totaling more than 18 seconds in a six-minute period;
c. Compliance with the fugitive emissions standard in this Condition is determined by EPA Method 22 at the downwind property boundary; and
d. If requested by DEQ, the permittee must develop and implement a fugitive emission control plan to prevent any visible emissions from leaving the property of a source for more than 18 seconds in a six-minute period as determined by EPA Method 22.

2.3. Particulate Matter Fallout

The permittee must not cause or permit the emission of any particulate matter larger than 250 microns in size at sufficient duration or quantity, as to create an observable deposition upon the real property of another person.

2.4. Nuisance and Odors

The permittee must comply with the following nuisance and nuisance odor requirements, as applicable:

a. The permittee must not cause or allow the emission of odorous or other fugitive emissions so as to create nuisance conditions off the permittee's property. Nuisance conditions will be verified by DEQ personnel. [OAR 340-208-0300]
b. When operating in Clackamas, Columbia, Multnomah, and Washington Counties, control apparatus and equipment, using the highest and best practicable treatment currently available, must be installed and operated to reduce to a minimum odor-bearing gases or odor-bearing particulate matter emitted into the atmosphere. [OAR 340-208-0550]

3.0 NESHAP 6H APPLICABILITY

3.1. 40 C.F.R. Part 63 Subpart HHHHHH – Emission Standards for Paint Stripping and Miscellaneous Surface Coating Operations

The permittee must comply with all applicable provisions of 40 C.F.R. §63.11169 – §63.11180 for all affected emissions to which this subpart applies by the applicable date in §63.11172. The permittee must also comply with all applicable provisions of 40 C.F.R. Part 63, Subpart A – NESHAP General Provisions. For a full text of the federal standard, please refer to 40 C.F.R. Part 63, Subpart HHHHHH.

NESHAP Subpart HHHHHH is adopted and incorporated by reference in OAR chapter 340 division 244.

4.0 COATING APPLICATION TRAINING REQUIREMENTS

4.1. Operator Training

The permittee must ensure and certify that all new and existing personnel, including contract personnel, who spray apply surface coatings, are trained in the proper spray application of surface coatings and the proper setup and maintenance of spray equipment. The training requirement does not apply to the students of an accredited surface coating training program who are under the direct supervision of an instructor.
The training program must include, at a minimum, the following:

a. A list of all current personnel by name and job description who are required to be trained;
b. Hands-on and classroom instruction that addresses, at a minimum, initial and refresher training in the following topics:
    i. Spray gun equipment selection, set up, and operation, including measuring coating viscosity, selecting the proper fluid tip or nozzle, achieving the proper spray pattern, air pressure and volume, and fluid delivery rate;
    ii. Spray techniques 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 ending of each stroke;

iii. Routine spray booth and filter maintenance, including filter selection and installation; and

iv. Environmental compliance with the requirements of this permit.

c. 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.

4.2. Operator Training Deadlines

All new and existing personnel, including contract personnel, who spray apply surface coatings must be trained in compliance with the following dates. Employees who transfer within a company to a position as a painter are subject to the same requirements as a new hire.

a. Training and certification must be completed no later than 180 days after hiring.

b. An employee (transfer or hire) that has completed the required training, as specified in Condition 4.1, within five (5) years prior to the transfer or hire date, does not need to comply with Condition 4.2.a but instead may use the previous training completion date to extend the 180 day timeline, not to exceed five (5) years after the date on which the prior training was completed.

c. A permittee who can show, by documentation or certification, that a painter's work experience or training has resulted in training equivalent to all of the training requirements of Condition 4.1 is not required to provide the initial training to these painters, but must continue to comply with refresher training requirements of Condition 4.3.

4.3. Refresher Training

Training and certification will be valid for a period not to exceed five years after the date training is completed. The permittee must ensure that all required personnel receive refresher training and be re-certified every five years in accordance with the requirements in Condition 4.1.

5.0 COATING OPERATIONS REQUIREMENTS

5.1. Compliance Date

The permittee must be in compliance with all applicable Conditions of this permit upon initial startup or assignment to this permit, whichever is later.

5.2. Spray Application Training

The spray application of surface coatings must only be conducted by persons who have completed the training described in Condition 4.1 by the deadlines in Condition 4.2. This Condition does not apply to the students of an accredited surface coating training program who are under the direct supervision of an instructor.

5.3. Spray Booth or Enclosure

All spray-applied coatings must be applied in a spray booth, preparation station, or enclosure that meets the requirements in Condition 5.3a and either 5.3b, 5.3c, or 5.3d. Permittees that use one enclosure or booth and alternate between 5.3b, 5.3c, and 5.4d must retain documentation of the change according to Condition 8.2.d.

a. **All Spray Applied Coatings**: All spray booths, preparation stations, or mobile enclosures must be fitted with a type of filter technology that is demonstrated to achieve at least 98% capture of paint overspray. This requirement does not apply to waterwash spray booths that are operated and maintained according to the manufacturer's specifications.
   i. The permittee may use published filter efficiency data provided by filter vendors or manufacturers to demonstrate compliance with this requirement.
   ii. If the permittee does not have filter efficiency data from the vendor or manufacturer, the permittee must follow the procedures for demonstrating filter efficiency as described by ASHRAE Method 52.1 and 40 C.F.R. §63.1173(e)(2)(i).

b. **Option 1 for 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. 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.

c. **Option 2 for 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.

d. **Option 3 for Mobile ventilated enclosures that are used to perform spot repairs**: must enclose and, if necessary, seal against the surface around the area being coated such that paint overspray is retained within the enclosure and directed to a filter to capture paint overspray.

5.4. Spray Equipment

All spray-applied coatings must be applied as follows:

a. **Motor Vehicle Refinishing Operations located inside the Portland AQMA** must only apply coatings by dip coat, flow coat, brush coat, roll coat, hand-help aerosol cans, or High Volume Low Pressure (HVLP) or electrostatic applications. HVLP and electrostatic applications must be operated and equipment maintained according to manufacturer's recommendations. The permittee may request to use other coating application methods if they are demonstrated to be as, or more, effective at controlling VOC emissions and approved by DEQ in writing. [OAR 340-242-0620]

b. **All Other Operations** must only spray apply HAP-containing coatings with an HVLP spray gun, electrostatic application, airless spray gun, or air-assisted airless spray gun.
   i. The permittee may request to use an equivalent technology that is demonstrated by the spray gun manufacturer to achieve transfer efficiency comparable to one of the spray gun technologies listed above for a comparable operation.
   ii. An equivalent technology request must use the procedure in 40 C.F.R. §63.11173(e)(3), and receive written approval from DEQ before being used.
   iii. Approval of alternative equipment in lieu of HVLP equipment for operations subject to NESHAP HHHHHH from the U.S. EPA may be used without previous DEQ approval if all conditions of the EPA approval are complied with and a copy of the EPA approval is retained onsite at all times.

c. The spray-equipment requirement of 5.4.b does not apply to the following:
   i. Painting performed by students and instructors at paint training center;
   ii. Surface coating of aerospace vehicles that involves the coating of components that normally require the use of an airbrush or an extension on the spray gun to properly reach limited access spaces;
   iii. The application of coatings on aerospace vehicles that contain fillers that adversely affect atomization with HVLP spray guns; or
   iv. The application of coatings on aerospace vehicles that normally have a dried film thickness of less than 0.0013 centimeter (0.0005 in.).

5.5. Spray Gun and Equipment Cleaning

All paint spray guns must be cleaned according to the following:

a. 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.

   Examples of acceptable spray gun cleaning methods include, but are not limited to: hand cleaning of the disassembled gun in a container of solvent, flushing solvent through the gun without atomizing the solvent and paint residue, using a fully enclosed spray gun washer, or a combination of non-atomizing methods.

b. **Motor vehicle refinishing operations located inside the Portland AQMA must also clean any spray equipment, including paint lines, inside a device which:**
   i. Minimizes solvent evaporation during cleaning, rinsing, and draining operations;
   ii. Recirculates solvent during cleaning operations so the solvent is reused; and
   iii. Collects spent solvent to be available for proper disposal or recycling.

6.0 PAINT STRIPPING ACTIVITIES

6.1. Applicability

This section (Condition 6.0) applies to facilities that use paint stripping products that contain methylene chloride (MeCl) to remove dried paint (including, but not limited to, enamel, varnish, shellac, and lacquer) from any surface.

6.2. Compliance Date

The permittee must be in compliance with all applicable Conditions of this permit upon initial startup or assignment to this permit, whichever is later.

6.3. Management Practices

The permittee must implement management practices to minimize evaporative emissions of MeCl. The permittee must keep an employee manual, written Standard Operating Procedures, or equivalent documentation that describes the management practices implemented on site. The management practices documentation (minimization plan) must be kept on site at all times and include, at a minimum, descriptions of how the following are complied with:

a. Conduct an evaluation of each type of application to ensure there is a need for paint stripping (e.g., evaluate whether it is possible to re-coat the piece without removing the existing coating);
b. Conduct an evaluation of each type application where a paint stripper containing MeCl is used to ensure that there is no alternative paint stripping technology that can be used;
c. Reduce the exposure of all paint strippers containing MeCl to the air to the highest extent possible;
d. Determine and achieve optimized application conditions when using paint strippers containing MeCl to reduce MeCl evaporation (e.g., if the stripper must be heated, make sure that the temperature is kept as low as possible to reduce evaporation); and
e. Practice proper storage and disposal of paint strippers containing MeCl (e.g., store stripper in closed, airtight containers).

6.4. One Ton of Methylene Chloride Use per Year

For each paint stripping operation that uses more than one ton of MeCl per year:

a. The permittee must post a sign or placard outlining the minimization plan (Condition 6.3) in each area where paint stripping operations occur; and
b. The permittee must conduct an annual review of the written management practices required by Condition 6.3 and update the documentation as appropriate.

7.0 PLANT SITE EMISSION LIMITS

7.1. Plant Site Emission Limits (PSEL)

Plant site emissions must not exceed the following:

Pollutant	Limit	Units
VOC	39	tons per year
Single HAP	9	tons per year
Combined HAPs	24	tons per year

7.2. Annual Period

The annual plant site emissions limits apply to any 12-consecutive calendar month period.

7.3. VOC and HAP PSEL Compliance Monitoring

Compliance with the VOC and HAP PSELs is determined for each 12-consecutive calendar month period based on material throughput for the reporting period.

a. Presumed Compliance Threshold: Facilities will be presumed to be in compliance with the PSEL of Condition 7.1 if all of the following are met:

i. The highest VOC content among coatings used does not exceed 8.9 lbs/gallon;
ii. The highest HAP content (all HAPs combined) among coatings used does not exceed 8.9 lbs/gallon;
iii. No paint strippers containing Methylene Chloride are used; and
iv. Coating and paint stripper usage does not exceed 2,000 gallons in any 12-consecutive calendar month period.

b. If the permittee exceeds or cannot use the presumed compliance threshold stated above, the permittee must demonstrate compliance with the yearly VOC and HAP PSELs on a monthly basis as follows:

$$E_{VOC\ or\ HAP} = [\Sigma(C_X * K_X)] \times 1\ ton/2000\ lb.$$

where,

$E_{VOC\ or\ HAP}$ =	VOC or HAP emissions (tons/yr);
Σ =	Summation of;
C=	Material usage for the period, in gallons or pounds;
K=	VOC or HAP content of the material, as pounds per gallon or percent by weight, as applicable;
X=	Subscript X represents a specific material.

8.0 RECORDKEEPING REQUIREMENTS

8.1. General

The permittee must maintain the following records:

a. All notifications and reports submitted to DEQ in accordance with this permit;
b. Records of any assessments of source compliance performed in support of the initial notification, notification of compliance status, or annual notification of changes report; and
c. Records of any deviation from the requirements in this permit. These records must include the date and time period of the deviation, a description of the nature of the deviation, and the actions taken to correct the deviation.

8.2. Coating Operations

The permittee must maintain the following records related to surface coating operations:

a. **Training**. Certification that each painter has completed the training specified in Condition 4.1 with the date the initial training and the most recent refresher training was completed.
b. **Filter Efficiency**. Documentation of the filter efficiency of all spray booth exhaust filter materials as specified in Condition 5.3. If the permittee demonstrates compliance by using ASHRAE Method 52.1 and 40 C.F.R. §63.1173(e)(2)(i), the permittee must also retain all supporting documentation.
c. **Filter Replacement**. Each date filters used to comply with Condition 5.3 were replaced.
d. **Alternate Compliance Options**. Documentation of all date(s) each enclosure or booth alternates to a different compliance option according to Condition 5.3.
e. **HVLP or Alternatives**. Documentation from the spray gun manufacturer that each spray gun with cup capacity equal to or greater than 3.0 fluid ounces (89 cc) meets the definition of HVLP spray gun. Alternatively, for each spray gun that does not meet the definition of an HVLP spray gun, electrostatic application, airless spray gun, or air assisted airless spray gun, the permittee must retain documentation from the spray gun manufacturer that each spray gun achieves a transfer efficiency equivalent to that of an HVLP spray gun. The permittee must retain a copy of the U.S. EPA or DEQ approval for the alternative equipment and documentation of compliance with any conditions of the

alternative approval in accordance with Condition 5.4, as applicable.

f. **HVLP Exemptions**. Documentation of each occurrence of coating activities that did not comply with the spray-applied coating requirements of Condition 5.4.a or 5.4.b due the exemptions in Condition 5.4.c. Records must include the date and identification of which specific exclusion applied to each application.

g. **Coatings**. SDS or equivalent documentation provided by the supplier or manufacturer for each coating and solvent on site.

8.3. Methylene Chloride Stripping Operations

The permittee must maintain the following records related to all paint stripping operations:

a. Information about each MeCl-containing paint stripper used for paint stripping operations at the facility. This must include the MeCl content of the paint stripper and the amount of the paint stripper used per month.
   i. SDS, other documentation provided by the supplier or manufacturer, or engineering calculations are sufficient to document the paint stripper MeCl content.
   ii. Purchase receipts or itemized invoices are sufficient to document paint stripper usage.

b. Documentation of the management practices required by Condition 6.3 that are implemented on site. The permittee is required to maintain a record of the current MeCl minimization plan on site for as long as the permittee is assigned to this permit and uses MeCl-containing paint strippers.

c. **For each paint stripping operation that uses more than one ton of MeCl per year**: A record of the annual review, and update of, the written MeCl minimization work practices implemented on site as required by Condition 6.4.

8.4. Emissions

The permittee must maintain records of monthly and annual emissions, monthly and annual coating and solvent usage, and the VOC and HAP content of each coating and solvent used.

8.5. Complaint Log

The permittee must maintain a log of all complaints received that specifically refer to air pollution, odor, or nuisance concerns associated with the permitted facility. The permittee must investigate the condition within 24 hours, if possible.

The log must include at least the following for each complaint or concern received:

a. The date the complaint was received;
b. The date and time the complaint states the condition was present;
c. A description of the complaint;
d. The location of the complainant or receptor relative to the plant site;
e. The status of plant operations and activities during the complaint's stated time of pollution or odor condition;
f. A description of the permittee's actions to investigate the validity of the complaint; and
g. A description of any actions taken in response to the complaint investigation.

8.6. Retention of Records

Unless otherwise specified, the permittee must retain all records for a period of at least five (5) years from the date of each report or record and make them available to DEQ upon request. The permittee must maintain at least the two (2) most recent years of records onsite or otherwise readily available electronically for expeditious review during an on-site inspection.

9.0 REPORTING REQUIREMENTS

9.1. Initial Notification and Notification of Compliance Status (NESHAP HHHHHH)

The permittee must submit an initial notification in accordance with 40 C.F.R. §63.11175(a) and a notification of compliance status in accordance with 40 C.F.R. §63.11175(b). Forms for these purposes are available from DEQ. The notifications must comply with the following:

a. For surface coating or paint stripping operations existing on July 7, 2008, the notifications must be submitted within 30 days after assignment to this permit; or

b. For sources constructed or installed after July 7, 2008, the notifications must be submitted within 180 days of initial start-up of the surface coating/paint stripping operation or within 30 days of assignment to this permit, whichever is later.

c. The notifications required by Condition 9.1a and 9.1b must be submitted to the DEQ Headquarters office:

Oregon DEQ, ATTN: Air Operations NESHAP
700 NE Multnomah Street Suite 600
Portland, OR 97232

9.2. Annual Report

For each year this permit is in effect, the permittee must submit to DEQ by **February 15,** two (2) copies of the following information for the previous calendar year:

a. 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;

b. The name, title, address, telephone, email address (if available), and signature of the company official certifying the truth, accuracy, and completeness of the report;

c. A statement of whether the source has complied with all the applicable standards and other requirements of this permit or an explanation of any noncompliance and a description of corrective actions being taken or that were taken to achieve compliance;

d. Notification of any changes to the information submitted in an initial notification or notification of compliance status, including:

   i. Number and type of spray booths at the location;

   ii. Number of preparation stations or types of items sprayed at the location;

   iii. Method(s) of paint stripping employed on site or types of substrates stripped; and

   iv. Whether methylene chloride is used on site;

e. For each spray-applied coating:
   i. The manufacturer;
   ii. The product number or identification;
   iii. The coating density in pounds per gallon;
   iv. All metal HAP(s) in the coating and the percent weight content of each HAP present;
   v. The VOC content of each coating in pounds per gallon; and
   vi. The amount of each coating used, in gallons.
f. For each paint stripper used:
   i. The manufacturer;
   ii. The product number or identification;
   iii. The product density in pounds per gallon;
   iv. The VOC content of each paint stripper in pounds per gallon;
   v. The MeCl content of each paint stripper in percent by weight; and
   vi. The amount of each paint stripper used, in gallons.
g. Summary of complaints relating to air quality received by permittee during the year; and
h. If the permittee has exceeded the presumed compliance threshold in Condition 7.3a, the monthly and calendar year total VOC and HAP emissions.

9.3. Notice of Change of Ownership or Company Name

The permittee must notify DEQ in writing using a DEQ "Transfer Application Form" within 60 days after any of the following:

a. Legal change of the name of the company as registered with the Corporations Division of the State of Oregon; or
b. Sale or exchange of the activity or facility.

9.4. Construction or Modification Notices

The permittee must notify DEQ in writing using a DEQ "Notice of Intent to Construct Form," or other permit application form, and obtain approval in accordance with OAR 340-210-0205 through 340-210-0250 before:

a. Constructing, installing, or establishing a new stationary source that will cause an increase in any regulated pollutant emissions;
b. Making any physical change or change in operation of an existing stationary source that will cause an increase, on an hourly basis at full production, in any regulated pollutant emissions; or
c. Constructing or modifying any air pollution control equipment.

9.5. Initial Startup Notice

The permittee must notify DEQ in writing of the date a newly permitted source is first brought into normal operation. The notification must be submitted no later than seven (7) days after the initial startup.

9.6. Where to Send Reports and Notices

Reports, with the permit number prominently displayed, must be sent to the Permit Coordinator for the region where the source is located as identified in Condition 10.3, unless otherwise specified.

10.0 ADMINISTRATIVE REQUIREMENTS

10.1. Employee Commute Options Program

Sources located inside the Portland Air Quality Maintenance Area (AQMA) with more than 100 employees at a work site must comply with the Employee Commute Options Program requirements located in OAR 340-242-0020 through 340-242-0390.
For forms (Fact Sheet, Registration, or Survey Guidance documents) or questions regarding ECO, please contact the ECO program directly at 503-229-6154 or ECO@deq.state.or.us.
Additional information is available from DEQ's website for the ECO program located here: https://www.oregon.gov/deq/aq/programs/Pages/ECO.aspx

10.2. Reassignment to the General ACDP

A permittee that wishes to continue assignment to this General ACDP must submit to DEQ an application for reassignment as follows:

a. The application must be received by DEQ within 30 days prior to the expiration date listed on this permit;
b. The application must be sent to the appropriate regional office identified in Condition 10.3; and
c. The permittee may submit an application for either a Simple or Standard ACDP at any time, but the permittee must continue to comply with the General ACDP until DEQ takes final action on the Simple or Standard ACDP application.

10.3. Permit Coordinator Addresses

All reports, notices, and applications must be directed to the Permit Coordinator for the area where the source is located unless otherwise specified. The Permit Coordinator addresses are as follows:

Counties	Permit Coordinator Address and Telephone
Statewide	Once DEQ's online portal Environmental Data Management System, 'Your DEQ Online' is available for this permit, the permittee will be directed to submit any reports, notices, applications, or fees required by this permit within the online system or through the addresses and information provided at that time. Until the online portal is available for this permit, the permittee must use the addresses and information identified below.
Clackamas, Clatsop, Columbia, Multnomah, Tillamook, and Washington	Department of Environmental Quality Northwest Region 700 NE Multnomah St., Suite 600 Portland, OR 97232-4100 Telephone: (503) 229-5582 NWRaqPermits@deq.state.or.us
Benton, Coos, Curry, Douglas, Jackson, Josephine, Lincoln, Linn, Marion, Polk, and Yamhill	Department of Environmental Quality Western Region 4026 Fairview Industrial Drive Salem, OR 97302 Telephone: (503) 378-8240 ext. 225 WRaqPermits@deq.state.or.us

Baker, Crook, Deschutes, Gilliam, Grant, Harney, Hood River, Jefferson, Klamath, Lake, Malheur, Morrow, Sherman, Umatilla, Union, Wallowa, Wasco, Wheeler	Department of Environmental Quality Eastern Region 475 NE Bellevue, Suite 110 Bend, OR 97701 Telephone: (541) 388-6146 ext. 223 ERaqPermits@deq.state.or.us

10.4. DEQ Contacts

Information about air quality permits and DEQ's regulations may be obtained from the DEQ web page at www.oregon.gov/DEQ. All inquiries about this permit should be directed to the regional office for the area where the source is located. DEQ's regional offices are as follows:

Counties	Office Address and Telephone
Clackamas, Clatsop, Columbia, Multnomah, Tillamook, and Washington	Department of Environmental Quality Northwest Region 700 NE Multnomah St., Suite 600 Portland, OR 97232-4100 Telephone: (503) 229-5263
Benton, Lincoln, Linn, Marion, Polk, and Yamhill	Department of Environmental Quality Salem Office 4026 Fairview Industrial Drive Salem, OR 97302 Telephone: (503) 378-8240
Coos, Curry, and Western Douglas	Department of Environmental Quality Coos Bay Office 381 N Second Street Coos Bay, OR 97420 Telephone: (541) 269-2721
Eastern Douglas, Jackson, and Josephine	Department of Environmental Quality Medford Office 221 Stewart Avenue, Suite 201 Medford, OR 97501 Telephone: (541) 776-6010
Crook, Deschutes, Harney, Hood River, Jefferson, Sherman, Wasco, and Wheeler	Department of Environmental Quality Bend Office 475 NE Bellevue, Suite 110 Bend, OR 97701 Telephone: (541) 388-6146
Baker, Gilliam, Grant, Malheur, Morrow, Umatilla, Union, and Wallowa	Department of Environmental Quality Pendleton Office 800 SE Emigrant Avenue, Suite 330 Pendleton, OR 97801 Telephone: (541) 276-4063
Klamath and Lake	Department of Environmental Quality Klamath Falls Office 317 South 7th Street, Suite 231 Klamath Falls, OR 97601 Telephone: (541) 273-7002

11.0 FEES

11.1. Annual Compliance Fee

The annual fees specified in OAR 340-216-8020, Table 2 are due on or by **December 1** of each year this permit is in effect. Invoices indicating the amount, as determined by DEQ regulations, will be mailed prior to the above date. **Late fees in accordance with Part 5 of the table will be assessed as appropriate.**

11.2. Change of Ownership or Company Name Fee

The Non-Technical Permit Modification specific activity fee specified in OAR 340-216-8020, Table 2, Part 4 is due with an application for changing the ownership or the name of the company of a source assigned to this permit. Forms that require fees must be sent together to the address in Condition 11.3.

11.3. Where to Submit Fees

Fees, with a permit number prominently displayed, must be submitted to:

Department of Environmental Quality
Financial Services – Revenue Section
700 NE Multnomah St. Suite 600
Portland, OR 97232-4100

12.0 GENERAL CONDITIONS AND DISCLAIMERS

12.1. Other Regulations

In addition to the specific requirements listed in this permit, the permittee must comply with all other applicable legal requirements enforceable by DEQ.

12.2. Conflicting Conditions

In any instance in which there is an apparent conflict relative to conditions in this permit, the most stringent conditions apply.

12.3. Masking of Emissions

The permittee must not cause or permit the installation of any device or use any means designed to mask the emissions of an air contaminant that causes or is likely to cause detriment to health, safety, or welfare of any person or otherwise violate any other regulation or requirement.

12.4. DEQ Access

The permittee must allow DEQ's representatives access to the plant site and pertinent records at all reasonable times for the purposes of performing inspections, surveys, collecting samples, obtaining data, reviewing and copying air contaminant emissions discharge records and conducting all necessary functions related to this permit in accordance with ORS 468.095.

12.5. Permit Availability

The permittee must have a copy of the permit available at the facility at all times.

12.6. Open Burning

The permittee must not conduct any open burning except as allowed by OAR 340, division 264.

12.7. Asbestos

The permittee must comply with the asbestos abatement requirements in OAR 340, division 248 for all activities involving asbestos-containing materials, including, but not limit to, demolition, renovation, repair, construction, and maintenance.

12.8. Property Rights

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

12.9. Termination, Revocation, Rescission, or Modification

DEQ may modify or revoke this permit as authorized under OAR chapter 340, division 216.

13.0 ABBREVIATIONS, ACRONYMS, AND DEFINITIONS

ACDP	Air Contaminant Discharge Permit
ASHRAE	American Society of Heating, Refrigerating, and Air-Conditioning Engineers
AQMA	Air Quality Maintenance Area
calendar year	The 12-month period beginning January 1st and ending December 31st
CAO	Cleaner Air Oregon
CFR	Code of Federal Regulations
CO	carbon monoxide
CO_2e	carbon dioxide equivalent
DEQ	Oregon Department of Environmental Quality
dscf	dry standard cubic foot
EPA	US Environmental Protection Agency
FCAA	Federal Clean Air Act
Gal	gallon(s)
GHG	greenhouse gas
gr/dscf	grains per dry standard cubic foot
HAP	Hazardous Air Pollutant as defined by OAR 340-244-0040
I&M	inspection and maintenance
lb	pound(s)
MMBtu	million British thermal units
NA	not applicable
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NO_X	nitrogen oxides
NSPS	New Source Performance Standard
NSR	New Source Review
O_2	oxygen
OAR	Oregon Administrative Rules
ORS	Oregon Revised Statutes
O&M	operation and maintenance
Pb	lead
PCD	pollution control device
PM	particulate matter
PM_{10}	particulate matter less than 10 microns in size
$PM_{2.5}$	particulate matter less than 2.5 microns in size
ppm	part per million
PSD	Prevention of Significant Deterioration
PSEL	Plant Site Emission Limit
PTE	Potential to Emit
RACT	Reasonably Available Control Technology
scf	standard cubic foot
SER	Significant Emission Rate
SIC	Standard Industrial Code
SIP	State Implementation Plan
SO_2	sulfur dioxide
Special Control Area	as defined in OAR 340-204-0070
TACT	Typically Achievable Control Technology
VE	visible emissions
VOC	volatile organic compound
year	A period consisting of any 12-consecutive calendar months

13.1. Definitions

Facility Maintenance: surface coating performed as part of the routine repair or renovation of the tools, equipment, machinery, and structures that comprise the infrastructure of the affected facility and that are necessary for the facility to function in its intended capacity. Facility maintenance also includes surface coating associated with the installation of new equipment or structures, and the application of any surface coating as part of janitorial activities. Facility maintenance includes the application of coatings to stationary structures or their appurtenances at the site of installation, to portable buildings at the site of installation, to pavements, or to curbs. Facility maintenance also includes the refinishing of mobile equipment in the field or at the site where they are used in service and at which they are intended to remain indefinitely after refinishing. Such mobile equipment includes, but is not limited to, farm equipment and mining equipment for which it is not practical or feasible to move to a dedicated mobile equipment refinishing facility. Facility maintenance does not include surface coating of motor vehicles, mobile equipment, or items that routinely leave and return to the facility, such as delivery trucks, rental equipment, or containers used to transport, deliver, distribute, or dispense commercial products to customers, such as compressed gas canisters.

High-volume, low-pressure (HVLP) spray equipment: spray equipment that is permanently labeled as such and used to apply any coating by means of a spray gun which is designed and operated between 0.1 and 10 pounds per square inch gauge (psig) air atomizing pressure measured dynamically at the center of the air cap and at the air horns.

Military Munitions: all ammunition products and components produced or used by or for the U.S. Department of Defense (DoD) or for the U.S. Armed Services for national defense and security, including military munitions under the control of the Department of Defense, the U.S. Coast Guard, the National Nuclear Security Administration (NNSA), U.S. Department of Energy (DOE), and National Guard personnel. The term military munitions includes: confined gaseous, liquid, and solid propellants, explosives, pyrotechnics, chemical and riot control agents, smokes, and incendiaries used by DoD components, including bulk explosives and chemical warfare agents, chemical munitions, biological weapons, rockets, guided and ballistic missiles, bombs, warheads, mortar rounds, artillery ammunition, small arms ammunition, grenades, mines, torpedoes, depth charges, cluster munitions and dispensers, demolition charges, nonnuclear components of nuclear weapons, wholly inert ammunition products, and all devices and components of any items listed in this definition.

Paint stripping: the removal of dried coatings from wood, metal, plastic, and other substrates. A single affected source may have multiple paint stripping operations.

Quality Control Activities: surface coating or paint stripping activities that meet ***all*** of the following criteria: (1) The activities associated with a surface coating or paint stripping operation are intended to detect and correct defects in the final product by selecting a limited number of samples from the operation, and comparing the samples against specific performance criteria; and (2) The activities do not include the production of an intermediate or final product for sale or exchange for commercial profit; for example, parts that are surface coated or stripped are not

sold and do not leave the facility; and (3) The activities are not a normal part of the surface coating or paint stripping operation; for example, they do not include color matching activities performed during a motor vehicle collision repair; and (4) The activities do not involve surface coating or stripping of the tools, equipment, machinery, and structures that comprise the infrastructure of the affected facility and that are necessary for the facility to function in its intended capacity; that is, the activities are not facility maintenance.

Research and Laboratory Activities: surface coating or paint stripping activities that meet *one* of the following criteria: (1) Conducted at a laboratory to analyze air, soil, water, waste, or product samples for contaminants, or environmental impact; or (2) Activities conducted to test more efficient production processes, including alternative paint stripping or surface coating materials or application methods, or methods for preventing or reducing adverse environmental impacts, provided that the activities do not include the production of an intermediate or final product for sale or exchange for commercial profit; or (3) Activities conducted at a research or laboratory facility that is operated under the close supervision of technically trained personnel, the primary purpose of which is to conduct research and development into new processes and products and that is not engaged in the manufacture of products for sale or exchange for commercial profit.

13.2. Calculating Chromium Use

The permittee must be continually able to demonstrate that chromium-containing coating used does not equate to more than 12.0 pounds of use in any 12 consecutive month period as follows:

$$C = \Sigma(P \times C_{\%})$$

Where,

C = Chromium used in pounds;
Σ = Summation of;
P = Pounds of coating used (coating in pounds per gallon)
$C_{\%}$ = mass of chromium in coating

Permittees that use coatings equivalent to over 12.0 pounds of chromium in any 12-consecutive month period may be eligible for assignment to this permit if sufficient records are maintained, and available upon request, to demonstrate that when trivalent chromium is subtracted from the chromium total, the remaining chromium use is below 12.0 pounds.

Example:

75 gallons of coating X used	125 gallons of coating Y used
Coating X = 3.5 lbs/gallon	Coating Y = 5.7 lbs/gallon
Coating X = 1% chromium and chromium compounds by weight	Coating Y = 1.2% chromium and chromium compounds by weight
Calculation	
75 gal X 3.5 lbs/gal = 262.5 lbs coating used	125 gal X 5.7 lbs/gal = 712.5 lbs coating used
262.5 lbs X 0.01 percent chromium = 2.62 lbs	712.5 lbs X 0.012 percent chromium = 8.55 lbs
Total chromium 11.17 lbs = 2.62 lbs + 8.55 lbs	