



**GENERAL  
 AIR CONTAMINANT DISCHARGE PERMIT**

Department of Environmental Quality  
 Air Quality Division  
 811 SW Sixth Avenue  
 Portland, OR 97204-1390  
 Telephone: (503) 229-5359

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

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**ISSUED BY THE DEPARTMENT OF ENVIRONMENTAL QUALITY**

Signed copy on file at DEQ Headquarters Office

\_\_\_\_\_  
 Andrew Ginsburg, Air Quality Division Administrator

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 Dated

Table 1 Code	Source Description	SIC	NAICS
Part B, 21	Chromium electroplaters using <b>decorative chromium electroplating tanks</b> subject to Part 63, Title 40 of Code of Federal Regulations, Subpart N as adopted under OAR 340-244-0220.	3471	332813

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## **1.0 PERMIT ASSIGNMENT**

- 1.1 Qualifications** All of the following conditions must be met in order to qualify for assignment to this General Air Contaminant Discharge Permit (ACDP):
- a. The permittee is performing decorative chromium electroplating as listed on the cover page of this permit, including supporting activities.
  - b. A Simple or Standard ACDP is not required for the source.
  - c. The source is not having ongoing, recurring or serious compliance problems.
- 1.2 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 requirements of OAR 340-216-0060 and the conditions of this permit.
- 1.3 Permitted Activities** The permittee is allowed to discharge air contaminants from processes and activities related to the air contaminant source(s) listed on the first page of this permit until this permit expires, is modified, revoked or rescinded as long as conditions of this permit are complied with. If there are other emissions activities occurring at the site besides those listed on the cover page of this permit, the permittee may be required to obtain a Simple or Standard ACDP or General ACDP Attachment(s), if applicable.
- 1.4 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, and 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. It is the permittee's sole responsibility to 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, as applicable:
- a. Emissions from any air contaminant source must not equal or exceed 20% opacity for a period aggregating more than 3 minutes in any one hour.
  - b. In Clackamas, Columbia, Multnomah, or Washington Counties, emissions from any air contaminant source other than fuel burning equipment must not equal or exceed 20%

opacity for a period aggregating more than 30 seconds in any one hour.

- 2.2 Particulate Matter Emissions** Particulate matter emissions from any air contaminant source, other than fugitive emission sources, must not exceed 0.1 grain per dry standard cubic foot.
- 2.3 Fugitive Emissions** The permittee must take reasonable precautions at all times to prevent particulate matter from becoming airborne, such as but not limited to:
- a. Treating vehicular traffic areas of the plant site under the control of the permittee, including parking lots and dry work yards.
  - b. Operating all air contaminant-generating processes so that fugitive type dust associated with the operation will be adequately controlled at all times.
  - c. Storing process materials, product, or materials collected from air pollution control equipment in a covered container or other method equally effective in preventing the material from becoming airborne during storage and transfer.
- 2.4 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. DEQ will verify that the deposition exists and will notify the permittee that the deposition must be controlled.
- 2.5 Nuisance and Odors** The permittee must not allow the emission of odorous or other emissions so as to create nuisance conditions off the permittee's property. Nuisance conditions will be verified by DEQ personnel. The creation of nuisance conditions may, in addition to other action DEQ may take, result in rescinding assignment to the permit and the permittee will be required to obtain a Simple or Standard ACDP, whichever is applicable.

### **3.0 SPECIFIC EMISSION STANDARDS AND LIMITS**

- 3.1 Applicability of Chromium Emission Limitations** The following emission limits apply during tank operation, start-up, and shutdown. The emission limitations do not apply during periods of malfunctions, but the work practice standards that address operation and maintenance (Condition 4.1) must be followed during malfunctions.
- 3.2 Chromium Emission Limitations** For each decorative chromium electroplating tank, the permittee must control chromium emissions discharged to the atmosphere by either:
- a. Not allowing the concentration of total chromium in the exhaust gas stream discharged to the atmosphere to exceed

0.01 mg/dscm; or

- b. If a chemical fume suppressant containing a wetting agent is used, not allowing the surface tension of the electroplating bath to exceed 45 dynes per centimeter as measured by a stalagmometer or 35 dynes per centimeter as measured by a tensiometer at any time during operation of the tank.

Each decorative chromium electroplating tank, that uses a trivalent chromium bath that incorporates a wetting agent as a bath ingredient, is exempt from these emissions standards. The wetting agent must be an ingredient in the trivalent chromium bath components purchased from vendors.

**3.3 Summary of Exemptions**

Federal law exempts specific processes from some regulatory requirements. Below is a summary of these exemptions:

Process	Exemption
Chromic acid with a wetting agent, complying with surface tension limit	Source test not required.
Trivalent chromium, with wetting agent <u>Note:</u> A reducing agent to change the form of the chromium from hexavalent to trivalent may not be used.	Source test not required. Work practice standards and continuous compliance monitoring do not apply. Recordkeeping and reporting requirements do apply.

**4.0 OPERATION AND MAINTENANCE REQUIREMENTS**

- 4.1 **Work practices** At all times, including periods of startup, shutdown, and malfunction, the permittee must operate and maintain any affected source, including associated air pollution control devices and monitoring equipment, in a manner consistent with good air pollution control practices and the operation and maintenance plan required in Condition 4.3. Malfunctions must be corrected as soon as practicable after their occurrence in accordance with the operation and maintenance plan. The permittee must not operate air contaminant producing processes unless the pollution control equipment controlling the process is on and properly functioning.
- 4.2 **Work Practice Exemption** Each decorative chromium electroplating tank, that uses a trivalent chromium bath that incorporates a wetting agent as a bath ingredient, is exempt from these work practice standards. The wetting agent must be an ingredient in the trivalent chromium bath components purchased from vendors.
- 4.3 **O&M Plan Requirement** The facility must have and operate in compliance with an operation and maintenance plan.

- a. The permittee must keep the written operation and maintenance plan onsite to be made available for inspection, for the life of the affected source or until the source is no longer subject to this permit. In addition, if the operation and maintenance plan is revised, the permittee must keep previous versions of the operation and maintenance plan on onsite for a period of 5 years after each revision to the plan.
- b. To satisfy the requirement to have an operation and maintenance plan, the permittee may use any applicable standard operating procedure (SOP) manuals, Occupational Safety and Health Administration (OSHA) plans, or other existing plans, provided they meet the requirements below.

#### **4.4 O&M Plan Contents**

The O&M plan must include:

- a. The operation and maintenance criteria for the affected source(s), the add-on air pollution control device, and the process and control system monitoring equipment.
- b. A standardized checklist to document the operation and maintenance of the affected source(s), the add-on pollution control devices, and the process and control system monitoring equipment.
- c. If using an add-on air pollution control device or monitoring equipment, work practice standards for that device or monitoring equipment. Add-on pollution control devices and their work practices are identified in Table 1 of Condition 4.7. Other alternatives may be used after being approved by EPA. See 40 CFR 63.343(c)(8).
- d. If not using the specific equipment listed in Table 1 of Condition 4.7, work practice standards to be submitted as required under 40 CFR 63.343(d).
- e. Procedures to be followed to ensure that equipment or process malfunctions due to poor maintenance or other preventable conditions do not occur.
- f. A systematic procedure to identify malfunctions of the affected source(s), add-on air pollution control devices, and process and control system monitoring equipment and to implement corrective actions to address such malfunctions.

#### **4.5 Plan Revisions**

If the plan fails to address or inadequately addresses a malfunction, the plan must be revised within 45 days after the malfunction occurs. The revised plan must include procedures for operating and maintaining the affected source(s), add-on air pollution control device, or monitoring equipment during similar malfunction events, and a program for corrective action for such

events. Within two (2) days after commencing corrective actions inconsistent with the plan, the permittee must record the actions taken and report such actions to DEQ by phone. The report must be followed by a letter within seven (7) working days of the event, unless the permittee makes alternative reporting arrangements with DEQ.

#### 4.6 Inspection of Equipment

The permittee must inspect control devices, ductwork, and monitoring equipment according to Table 1 of Condition 4.7. The results of the inspection must be logged, and the log kept onsite for a period of at least five (5) years.

#### 4.7 Table 1 - Summary of Work Practice Standards

Control Techniques	Work Practice Standards	Frequency
Composite mesh-pad system	Visually inspect device to ensure there is proper drainage, no chromic acid buildup on the pads, and no evidence of chemical attack on the structural integrity of the device.	Once per quarter
	Visually inspect back portion of the mesh pad closest to the fan to ensure there is no breakthrough of chromic acid mist.	
	Visually inspect ductwork from the tank to the control device to ensure there are no leaks.	
	Perform washdown of the composite mesh-pads in accordance with manufacturers' recommendations.	Per manufacturer
Packed-bed scrubber	Visually inspect device to ensure there is proper drainage, no chromic acid buildup on the packed beds, and no evidence of chemical attack on the structural integrity of the device.	Once per quarter
	Visually inspect back portion of the chevron blade mist eliminator to ensure that it is dry and there is no breakthrough of chromic acid mist.	
	Visually inspect ductwork from the tank to the control device to ensure there are no leaks.	
	Add fresh water to top of the packed bed. <sup>a,b</sup>	As makeup is added.
PBS/CMP system	Same as Composite mesh-pad system	

<b>Control Techniques</b>	<b>Work Practice Standards</b>	<b>Frequency</b>
Fiber-bed mist eliminator	Visually inspect fiber-bed unit and prefiltering device to ensure there is proper drainage, no chromic acid buildup in the units, and no evidence of chemical attack on the structural integrity of the devices.	Once per quarter
	Visually inspect ductwork from the tank to control device to ensure that there are no leaks.	
	Perform washdown of fiber elements in accordance with manufacturer's recommendations.	
Air pollution control device (APCD) not listed in rule.	To be performed by the source for approval by DEQ.	Once per quarter
<b>Monitoring Equipment</b>		
Pitot tube	Backflush with water, or remove from the duct and rinse with fresh water. Check pitot tube ends for damage. Replace pitot tube if cracked or fatigued. Rotate 180 degrees to ensure that the same reading is obtained.	
Stalagmometer/ Tensiometer	Follow manufacturers' recommendations.	

<sup>a</sup> If greater than 50 percent of the scrubber water is drained (e.g., for maintenance purposes), makeup water may be added to the scrubber basin.

<sup>b</sup> For horizontal-flow scrubbers, the top is defined as the section of the unit directly above the packing media such that the makeup water would flow perpendicular to the air flow through the packing. For vertical-flow units, the top is defined as the area downstream of the packing material such that the makeup water would flow countercurrent to the air flow through the unit.

## **5.0 COMPLIANCE DEMONSTRATION**

- 5.1 Initial Performance Test** To demonstrate compliance with the emission limit for affected tanks not using wetting agents, an initial performance test is required and must be performed according to 40 CFR 63.7 and 63.344(a) through (c).
- a. Sources are required to conduct the initial performance test within 180 days after initial startup.
  - b. During the performance test, the permittee must establish site specific operating parameter(s) according to the procedures in 40 CFR 63.343(c) and 63.344(d).
  - c. All tests must be conducted in accordance with DEQ's Source Sampling Manual and with the pretest plan submitted at least 15 days in advance and approved by the Regional Source Test Coordinator.
  - d. The permittee must operate the equipment at normal

maximum capacity during the performance test.

- e. Only regular operating staff may adjust production processes and emission control parameters during the source test and within 2 hours prior to the tests. Any operating adjustments made during the source test, which are a result of consultation during the tests with source testing personnel, equipment vendors or consultants, may render the source test invalid.
- f. The permittee must submit the test data and results for review to the DEQ Regional Source Test Coordinator within sixty (60) days of the test unless otherwise approved in the pretest plan. The results must be submitted in units of grains per dry standard cubic foot and in units of pounds per ampere hour.

**5.2 Exemptions to Initial Performance Test**

The initial performance test is not required if either of the following operating conditions are met:

- a. A wetting agent is used to inhibit chromium emissions from the affected source and compliance with the surface tension limit in Condition 3.2b is continuously demonstrated according to Condition 5.3.
- b. The affected source uses a trivalent chromium bath that contains a wetting agent, as demonstrated through Condition 6.8.

**5.3 Monitoring Requirements**

The permittee must monitor the operation and maintenance of the plant and associated air contaminant control devices as follows:

- a. On and after the date on which the initial performance test is required to be completed, the permittee must conduct monitoring according to the type of air pollution control technique that is used to comply with the emission limitation.
- b. Monitoring of surface tension must be conducted in accordance with Method 306-B using a stalagmometer or a tensiometer.
- c. If a chromium electroplating tank uses a trivalent chromium bath that incorporates a wetting agent as a bath ingredient, then it is exempt from continuous compliance monitoring. The wetting agent must be an ingredient in the trivalent chromium bath components purchased from vendors.
- d. Monitoring as required to demonstrate compliance with the emission limits in Condition 3.2 is identified in the following table:

<b>Emission Reduction Technique</b>	<b>Monitoring Parameter</b>	<b>Monitoring Frequency</b>
Composite mesh pad scrubber (CMS) or Combination CMS/PBS system	The pressure drop across the unit (or CMS/PBS system) must be controlled at $\pm 1$ inch of water column of the value established in the performance test.	Once per day
Packed bed scrubber (PBS)	The pressure drop across the unit must be controlled at $\pm 1$ inch of water column of the value established in the performance test, and the inlet velocity pressure must be controlled within 10% of the value established in the performance test.	
Fiber-bed mist eliminator	The pressure drop across the eliminator and across the upstream unit must be controlled at $\pm 1$ inch of water column of the value established in the performance test.	
Wetting agent or combination wetting agent and foam blanket	Bath surface tension must be below 45 dynes/cm or the maximum value established during the performance test.	Every 4 hours of tank operation
Foam blanket	Foam blanket thickness must be at least 1 inch or the thickness established during the performance test.	Every 1 hour of tank operation

- e. The frequency of monitoring for wetting agents can be reduced according to the following table:

<b>Operational Hours</b>	<b>Monitoring Frequency</b>	<b>If no exceedance in previous period</b>	<b>If exceedance(s) in previous period</b>
Hour 1-40	Every 4 hours		
Hour 41-80		Every 8 hours	Every 4 hours
Hour 81-120		Every 40 hours	
Tank drained; new solution added	Every 4 hours		

- f. The frequency of monitoring for foam blankets can be reduced according to 40 CFR 63.343(c)(6).

## **6.0 RECORDKEEPING REQUIREMENTS**

### **6.1 Inspection & Maintenance Records**

The permittee must keep inspection and maintenance records for each tank(s), add-on pollution control device, and monitoring equipment to document that the inspection and maintenance requirements in Conditions 4.1 and 4.6 have taken place. The inspection records can take the form of a checklist and should identify the following:

- a. device inspected;

- b. date of inspection;
  - c. a brief description of the working condition of the device during the inspection; and
  - d. any actions taken to correct deficiencies found during the inspection.
- 6.2 Malfunction Records** The permittee must keep records of the occurrence, duration, and cause, if known, of each malfunction of each affected source, associated pollution controls, and monitoring equipment. The permittee must also keep records of actions taken during the malfunction when such actions are inconsistent with the operation and maintenance plan.
- 6.3 Operation & Maintenance Plan** The permittee must keep records, which may take the form of checklists, necessary to demonstrate compliance with the provisions of the operation and maintenance plan required in Condition 4.3.
- 6.4 Test Reports & Measurements** The permittee must keep test reports documenting results of all performance tests and records of all measurements necessary to determine the conditions of performance tests, including measurements necessary to determine compliance with the special compliance procedures for single control of multiple sources [40 CFR 63.344(e)].
- 6.5 Monitoring Data** The permittee must keep records of monitoring data required in Condition 5.3 that are used to demonstrate compliance with the standard in Condition 3.2 including the date and time the data are collected.
- 6.6 Operating Time** The permittee must keep records of the total operating time (hours) and total active plating time (ampere-hours) of each affected source during the reporting period.
- 6.7 Fume Suppressant** If fume suppressants are used to comply with the standard in Condition 3.2, the permittee must keep records of the date and time that fume suppressants are added to the electroplating bath.
- 6.8 Wetting Agent** For trivalent chromium tanks: the permittee must keep records of the bath components purchased, with the wetting agent clearly identified as a bath constituent contained in one of the bath components.
- 6.9 Excess Emissions** The permittee must keep records (i.e., the date and time of commencement and completion) of each period of excess emissions, as indicated by monitoring data, that occurs during malfunction or periods other than malfunction of the process, add-on air pollution control, or monitoring equipment.
- 6.10 Complaint Log** The permittee must maintain a log of all written complaints and complaints received via telephone that specifically refer to air pollution concerns associated to the permitted facility. The log must include a record of the permittee's actions to investigate the

validity of each complaint and a record of actions taken for complaint resolution.

- 6.11 Retention of Records** The permittee must keep all records required in this Section and reports and notifications required in Section 7.0 on site for a period of five (5) years.

## **7.0 REPORTING REQUIREMENTS**

- 7.1 Reporting Forms** Reporting forms for all required notifications and reports are available from DEQ.
- 7.2 Initial Notification of Affected Facility** For each new source, notification must be submitted with the notification of construction required in Condition 7.3.
- 7.3 Notification of Construction** Prior to constructing a new affected source, reconstructing an affected source, or reconstructing a source such that it becomes an affected source, the permittee must:
- a. Submit a notification of construction/re-construction 60 days prior to the date construction begins.
  - b. Submit a notification of the actual date of startup of the source within 30 days after such date.
- 7.4 Notification of Compliance Status** For each new source, the permittee must submit a notification of compliance status within 90 days after completion of the performance test, or within 30 days after initial startup if a performance test is not required. Included with this notification must be a report of the results of any performance test, if required.
- 7.5 Annual Ongoing Compliance Status Report** The permittee must submit to DEQ by **February 15** of each year this permit is in effect, two (2) copies of the following information for the preceding calendar year unless otherwise approved by DEQ:
- a. Company name and address of the affected source;
  - b. Beginning and ending dates of the reporting period;
  - c. Identification of the operating parameter that is monitored for compliance determination required by Condition 5.3 and the operating parameter value, or range of values, that correspond to compliance with the emission limitation in Condition 3.2;
    - i. For surface tension - sampling device, sampling schedule and sampling results in dynes per centimeter;
    - ii. For control devices – summary of work practice standards in Condition 4.7 Table 1 and monitoring results in Condition 6.5;
    - iii. For bath components purchased, with the wetting

agent clearly identified as a bath constituent contained in one of the bath components for trivalent chromium tanks.

- d. Total operating time of each affected source during the reporting period (hours).
- e. Total active plating time of each affected source during the reporting period (ampere-hours).
- f. Date and time that fume suppressants are added to the electroplating bath if fume suppressants are used to comply with the standard in Condition 3.2;
- g. Summary of complaints relating to air quality received by permittee during the year.
- h. List of permanent changes made in plant process, production levels, and pollution control equipment which affected air contaminant emissions.
- i. List of major maintenance performed on pollution control equipment.
- j. Current plant site contact. Provide name, title, phone number and email address.
- k. All reports and certifications submitted to DEQ under Divisions 200 to 264 must accurately reflect the monitoring, recordkeeping and other documentation held or performed by the owner or operator.

#### **7.6 Exceedance Report**

*Excess emissions* are emission levels that exceed the limits identified in Condition 3.2 as indicated by the monitoring data collected in accordance with Condition 5.3. If both of the following conditions are met, semiannual reports must be prepared and submitted to DEQ.

- a. The total duration of excess emissions is 1% or greater of the total operating time for the reporting period; and
- b. The total duration of malfunctions of the add-on air pollution control device and monitoring equipment is 5% or greater of the total operating time.

Once the permittee reports an exceedance as defined above, ongoing compliance status reports must be submitted semiannually until a request to reduce reporting frequency, as allowed by 40 CFR 63.347(h)(3), is approved. DEQ may determine on a case-by-case basis that the summary report must be completed more frequently and submitted.

#### **7.7 Notification of Performance Test**

The permittee must notify DEQ at least 60 calendar days before a performance test is scheduled to begin. If the permittee is unable to conduct the performance test as scheduled, DEQ must be notified at least five (5) days prior to the scheduled date. Notification must include the rescheduled date of the test.

- 7.8 Notice of Change of Ownership or Company Name** The permittee must notify DEQ in writing using a DEQ “Permit Application Form” within 60 days after 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.
- 7.9 Construction or Modification Notices** The permittee must notify DEQ in writing using a DEQ “Notice of Construction Form,” or “Permit Application Form,” and obtain approval in accordance with OAR 340-210-0205 through 340-210-0250 before:
- a. Constructing or installing any new source of air contaminant emissions, including air pollution control equipment;
  - b. Modifying or altering an existing source that may significantly affect the emission of air contaminants;
  - c. Making any physical change which increases emissions; or
  - d. Changing the method of operation, the process, or the fuel use, or increasing the normal hours of operation that result in increased emissions.
- 7.10 Where to Send Reports and Notices** Except in Clackamas, Clatsop, Columbia, Multnomah, Tillamook, and Washington Counties, reports and notices, 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 8.2. In Clackamas, Clatsop, Columbia, Multnomah, Tillamook, and Washington Counties, reports and notices, with the permit number prominently displayed, must be sent to the Gresham Office as identified in Condition 8.3.

## **8.0 ADMINISTRATIVE REQUIREMENTS**

- 8.1 Reassignment to the General ACDP** A complete application for reassignment to this permit is due within 60 days after the permit is reissued. DEQ will notify the permittee when the permit is reissued. The application must be sent to the appropriate regional office.
- a. If DEQ is delinquent in renewing the permit, the existing permit will remain in effect and the permittee must comply with the conditions of the permit until such time that the permit is reissued and the source is reassigned to the permit.
  - b. 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.

- c. If a complete application for reassignment to the General ACDP or Simple or Standard ACDP is filed with DEQ in a timely manner, the permit will not be deemed to expire until final action has been taken on the application.

**8.2 Permit Coordinator Addresses**

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

<b>Counties</b>	<b>Permit Coordinator Address and Telephone</b>
Clackamas, Clatsop, Columbia, Multnomah, Tillamook, and Washington	Department of Environmental Quality Northwest Region 2020 SW 4th Avenue, Suite 400 Portland, OR 97201-4987 Telephone: (503) 229-5582
Benton, Coos, Curry, Douglas, Jackson, Josephine, Lincoln, Linn, Marion, Polk, and Yamhill	Department of Environmental Quality Western Region 750 Front Street NE, Suite 120 Salem, OR 97301-1039 Telephone: (503) 378-8240
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 Drive, Suite 110 Bend, OR 97701-7415 Telephone: (541) 633-2021

**8.3 Department Contacts**

Information about air quality permits and DEQ's regulations may be obtained from the DEQ web page:

<http://www.oregon.gov/DEQ/AQ/>

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:

<b>Counties</b>	<b>Office Address and Telephone</b>
Clackamas, Clatsop, Columbia, Multnomah, Tillamook, and Washington	Department of Environmental Quality Gresham Office 1550 NW Eastman Parkway, Suite 290 Gresham, OR 97030 Telephone: (503) 667-8414
Benton, Lincoln, Linn, Marion, Polk, and Yamhill	Department of Environmental Quality Salem Office 750 Front Street NE, Suite 120 Salem, OR 97301-1039 Telephone: (503) 378-8240
Coos, Curry, and Western Douglas	Department of Environmental Quality Coos Bay Office 318 N Second Street Coos Bay, OR 97420-2325 Telephone: (541) 269-2721

Eastern Douglas, Jackson, and Josephine	Department of Environmental Quality Medford Office 221 Stewart Avenue, Suite 201 Medford, OR 97501-3647 Telephone: (541) 776-6010
Crook, Deschutes, Harney, Hood River, Jefferson, Klamath, Lake, Sherman, Wasco, and Wheeler	Department of Environmental Quality Bend Office 475 NE Bellevue Drive, Suite 110 Bend, OR 97701-7415 Telephone: (541) 388-6146
Baker, Gilliam, Grant, Malheur, Morrow, Umatilla, Union, and Wallowa	Department of Environmental Quality Pendleton Office 700 SE Emigrant Avenue, Suite 330 Pendleton, OR 97801-2597 Telephone: (541) 276-4063

## 9.0 FEES

- 9.1 Annual Compliance Fee** The Annual Compliance Determination Fee specified in OAR 340-216-0090, Table 2, Part 2(c) for a Class Two General ACDP is due on **December 1** of each year this permit is in effect. An invoice indicating the amount, as determined by DEQ regulations, will be mailed prior to the above date.
- 9.2 Change of Ownership or Company Name Fee** The non-technical permit modification fee specified in OAR 340-216-0090, Table 2, Part 3(a) is due with an application for changing the ownership or the name of the company of a source assigned to this permit.
- 9.3 Where to Submit Fees** Fees must be submitted to:  
Department of Environmental Quality  
Business Office  
811 SW Sixth Avenue  
Portland, Oregon 97204-1390

## **10.0 GENERAL CONDITIONS AND DISCLAIMERS**

- 10.1 Other Regulations** In addition to the specific requirements listed in this permit, the permittee must comply with all other legal requirements enforceable by DEQ.
- 10.2 Conflicting Conditions** In any instance in which there is an apparent conflict relative to conditions in this permit, the most stringent conditions apply.
- 10.3 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.
- 10.4 Department 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.
- 10.5 Permit Availability** The permittee must have a copy of the permit available at the facility at all times.
- 10.6 Open Burning** The permittee may not conduct any open burning except as allowed by OAR 340 Division 264.
- 10.7 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.
- 10.8 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.
- 10.9 Modification or Revocation** The Commission may modify or revoke this permit pursuant to OAR 340-216-0060(3) and (4).

## 11.0 ABBREVIATIONS, ACRONYMS, AND DEFINITIONS

ACDP	Air Contaminant Discharge Permit	NSR	New Source Review
APCD	air pollution control device	O <sub>2</sub>	oxygen
ASTM	American Society for Testing and Materials	OAR	Oregon Administrative Rules
AQMA	Air Quality Maintenance Area	ORS	Oregon Revised Statutes
bbl	barrel (42 gal)	O&M	operation and maintenance
calendar year	The 12-month period beginning January 1st and ending December 31st	Pb	Lead
CFR	Code of Federal Regulations	PBS	packed bed scrubber
CMP	composite mesh pad	PCD	pollution control device
CO	carbon monoxide	PM	particulate matter
date	mm/dd/yy	PM <sub>10</sub>	particulate matter less than 10 microns in size
DEQ	Oregon Department of Environmental Quality	ppm	part per million
dscf	dry standard cubic foot	ppmv	part per million by volume
EPA	US Environmental Protection Agency	PSD	Prevention of Significant Deterioration
FCAA	Federal Clean Air Act	PSEL	Plant Site Emission Limit
gal	gallon(s)	PTE	Potential to Emit
gr/dscf	grains per dry standard cubic foot	RACT	Reasonably Available Control Technology
HAP	Hazardous Air Pollutant as defined by OAR 340-244-0040	scf	standard cubic foot
ID	identification number	SER	Significant Emission Rate
I&M	inspection and maintenance	SERP	Source Emission Reduction Plan
lb	pound(s)	SIC	Standard Industrial Code
MMBtu	million British thermal units	SIP	State Implementation Plan
NA	not applicable	SO <sub>2</sub>	sulfur dioxide
NESHAP	National Emissions Standards for Hazardous Air Pollutants	Special Control Area	as defined in OAR 340-204-0070
NO <sub>x</sub>	nitrogen oxides	VE	visible emissions
NSPS	New Source Performance Standard	VOC	volatile organic compound
		year	A period consisting of any 12-consecutive calendar months