



State of Oregon  
 Department of  
 Environmental  
 Quality

## GENERAL AIR CONTAMINANT DISCHARGE PERMIT

Department of Environmental Quality  
 Air Quality Program  
 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

\_\_\_\_\_  
 Lydia Emer, Operations Division Administrator

\_\_\_\_\_  
 Dated

| Table 1<br>Code | Source Description   | SIC                                      | NAICS                                   |
|-----------------|--|--|---|
| Part B, 58      | Paint and Allied Products Manufacturing subject to an Area Source NESHAP | 2819, 2851,<br>2869, 2891,<br>2893, 2899 | 325510,<br>325520,<br>325910,<br>325998 |

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## 1.0 PERMIT ASSIGNMENT

- 1.1 Qualifications** The following conditions must be met in order to qualify for assignment to this General Air Contaminant Discharge Permit (ACDP):
- a. The source is performing paints and allied products manufacturing, is an area source of hazardous air pollutant emissions, and is processing, using, or generating materials containing benzene, methylene chloride, or compounds of cadmium, chromium, lead, and/or nickel, in amounts greater than or equal to 0.1 percent by weight.
  - 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air contaminant source(s) listed on the first page of this permit until this permit expires, is modified, revoked or rescinded as long as conditions of this permit are complied with.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 operations within Lane County, contact the Lane Regional Air Pollution Authority for obtaining 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** The permittee must comply with the following particulate matter emission limits, as applicable:
- a. In Clackamas, Columbia, Multnomah, or Washington Counties, particulate matter emissions from fuel burning equipment must not exceed the emission rate shown in Figure 1 of OAR 340-208-0610 as a function of the maximum heat input when burning diesel fuel.
  - b. 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.
- 2.6 Fuel Sulfur Content** The permittee must not use diesel fuel containing more than 0.5% sulfur by weight.

### 3.0 PAINT & ALLIED PRODUCTS NESHAP REQUIREMENTS

- 3.1 Affected Source** Conditions 3.2 through 3.12, 5.3, 5.4, 6.2, 7.1, 7.2, 7.4, and 7.5 apply to paints and allied products processes (as defined in Condition 14.0) that process, use, or generate materials containing the HAP listed in Condition 1.1a. These processes make up the affected source for purposes of the NESHAP.
- 3.2 General Duty Clause** At all times, including periods of startup, shutdown, and malfunction, the permittee must operate and maintain any NESHAP affected source, including associated air pollution control equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. During a period of startup, shutdown, or malfunction, this general duty to minimize emissions requires that the permittee reduce emissions from the affected source to the greatest extent which is consistent with safety and good air pollution control practices. The general duty to minimize emissions during a period of startup, shutdown, or malfunction does not require the permittee to achieve emission levels that would be required by the applicable standard at other times if this is not consistent with safety and good air pollution control practices, nor does it require the permittee to make any further efforts to reduce emissions if levels required by the applicable standard have been achieved.
- 3.3 Minimizing Fugitive Emissions** The permittee must operate a capture system that minimizes fugitive particulate emissions during the addition of dry pigments and solids that contain compounds of cadmium, chromium, lead, or nickel to a process vessel or to the grinding and milling process.

- 3.4 Adding Pigments and Solids to Process Vessels** The permittee must:
- a. Capture particulate emissions and route them to a particulate control device meeting the requirements of Condition 3.7 during the addition of dry pigments and solids that contain compounds of cadmium, chromium, lead, or nickel to a process vessel; or
  - b. Add pigments and other solids that contain compounds of cadmium, chromium, lead, or nickel only in paste, slurry, or liquid form.
- 3.5 Adding Pigments and Solids to Grinding and Milling Process** The permittee must:
- a. Capture particulate emissions and route them to a particulate control device meeting the requirements of Condition 3.7 during the addition of dry pigments and solids that contain compounds of cadmium, chromium, lead, or nickel to the grinding and milling process; or
  - b. Add pigments and other solids that contain compounds of cadmium, chromium, lead, or nickel to the grinding and milling process only in paste, slurry, or liquid form.
- 3.6 Grinding and Milling** The permittee must:
- a. Capture particulate emissions and route them to a particulate control device meeting the requirements of Condition 3.7 during the grinding and milling of materials containing compounds of cadmium, chromium, lead, or nickel;
  - b. Fully enclose the grinding and milling equipment during the grinding and milling of materials containing compounds of cadmium, chromium, lead, or nickel; or
  - c. Ensure that the pigments and solids are in the solution during the grinding and milling of materials containing compounds of cadmium, chromium, lead, or nickel.
- 3.7 Particulate Control Device** The visible emissions from the particulate control device exhaust must not exceed 10-percent opacity for particulate control devices that vent to the atmosphere (see Condition 5.4c). This requirement does not apply to particulate control devices that do not vent to the atmosphere.
- 3.8 Process and Storage Vessels** Process and storage vessels that store or process materials containing benzene or methylene chloride, except for process vessels which are mixing vessels, must be equipped with covers or lids meeting the following requirements:
- a. The covers or lids can be of solid or flexible construction,

provided they do not warp or move around during the manufacturing process.

b. The covers or lids must maintain contact along at least 90-percent of the vessel rim. The 90-percent contact requirement is calculated by subtracting the length of any visible gaps from the circumference of the process vessel, and dividing this number by the circumference of the process vessel. The resulting ratio must not exceed 90-percent.

c. The covers or lids must be maintained in good condition.

### **3.9 Mixing Vessels**

Mixing vessels that store or process materials containing benzene or methylene chloride must be equipped with covers that completely cover the vessel, except as necessary to allow for safe clearance of the mixer shaft.

### **3.10 All Vessels**

All vessels that store or process materials containing benzene or methylene chloride must be kept covered at all times, except for quality control testing and product sampling, addition of materials, material removal, or when the vessel is empty. The vessel is empty if:

a. All materials containing benzene or methylene chloride have been removed that can be removed using the practices commonly employed to remove materials from that type of vessel, e.g., pouring, pumping, and aspirating; and

b. No more than 2.5 centimeters (one inch) depth of residue remains on the bottom of the vessel, or no more than 3 percent by weight of the total capacity of the vessel remains in the vessel.

### **3.11 Leaks and Spills**

Leaks and spills of materials containing benzene or methylene chloride must be minimized and cleaned up as soon as practical, but no longer than 1 hour from the time of detection.

### **3.12 Rags and Other Materials**

Rags or other materials that use a solvent containing benzene or methylene chloride for cleaning must be kept in a closed container. The closed container may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container.

## 4.0 PLANT SITE EMISSION LIMITS

- 4.1 Plant Site Emission Limits (PSEL)** The permittee must not allow plant site emissions to exceed the following:

| Pollutant         | Limit | Units         |
|-------------------|-------|---------------|
| PM                | 24    | tons per year |
| PM <sub>10</sub>  | 14    | tons per year |
| PM <sub>2.5</sub> | 9     | tons per year |
| VOC               | 39    | tons per year |
| Single HAP        | 9     | tons per year |
| Combined HAPs     | 24    | tons per year |

- 4.2 PM<sub>10</sub> PSEL for Medford-Ashland AQMA** For sources operating in the Medford-Ashland AQMA, the permittee must not allow plant site emissions of PM<sub>10</sub> to exceed the following:

| Pollutant        | Limit | Units          |
|------------------|-------|----------------|
| PM <sub>10</sub> | 4.5   | tons per year  |
|                  | 49    | pounds per day |

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

## 5.0 COMPLIANCE DEMONSTRATION

- 5.1 PSEL Compliance Monitoring** Compliance with the PSEL is determined for each 12-consecutive calendar month period based on the following calculation for each pollutant:

$$E = \sum \frac{EF \times P \times (1 - CE)}{2000 \text{ lbs}}$$

where,

E = pollutant emissions (tons/yr);

EF = pollutant emission factor

P = process production

CE = control efficiency

- 5.2 Emission Factors** The permittee must use default emission factors and control efficiencies provided in Conditions 9.0 and 10.0 for calculating pollutant emissions, unless alternative emission factors or control efficiencies are approved by DEQ. The permittee may request or DEQ may require using alternative emission factors or control

efficiencies provided they are based on actual test data or other documentation (e.g., AP-42 compilation of emission factors) that has been reviewed and approved by DEQ.

**5.3 Initial NESHAP  
Compliance  
Demonstration**

Initial particulate control device inspections and tests. The permittee must conduct an initial inspection of each particulate control device according to the requirements in Conditions 5.3a through 5.3c and perform a visible emissions test according to the requirements of Condition 5.3d. The permittee must record the results of each inspection and test according to Condition 6.1 and perform corrective action where necessary. The permittee must conduct each inspection no later than June 1, 2013 or 180 days after startup of the affected source, whichever is later, for each control device which has been operated prior to February 1, 2013 or within 60 days following startup of the affected source. For a control device which has not been installed or operated prior to February 1, 2013 or within 60 days following startup of the affected source, the permittee must conduct an initial inspection prior to startup of the control device.

- a. For each wet particulate control system, the permittee must verify the presence of water flow to the control equipment. The permittee must also visually inspect the system ductwork and control equipment for leaks and inspect the interior of the control equipment (if applicable) for structural integrity and the condition of the control system.
- b. For each dry particulate control system, the permittee must visually inspect the system ductwork and dry particulate control unit for leaks. The permittee must also inspect the inside of each dry particulate control unit for structural integrity and condition.
- c. An initial inspection of the internal components of a wet or dry particulate control system is not required if there is a record that an inspection meeting the requirements of this Condition has been performed within the past 12 months and any maintenance actions have been resolved.
- d. For each particulate control device, the permittee must conduct a visible emission test consisting of three 1-minute test runs using Method 203C (40 CFR part 51, appendix M). The visible emission test runs must be performed during the addition of dry pigments and solids containing compounds of cadmium, chromium, lead, or nickel to a process vessel or to the grinding and milling equipment. If the average test results of the visible emissions test runs indicate an opacity greater than the



applicable limitation in Condition 3.7, the permittee must take corrective action and retest within 15 days.

**5.4 Ongoing NESHAP Compliance Demonstration**

Following the initial inspections, the permittee must perform periodic inspections of each PM control device according to the requirements in Conditions 5.4a or 5.4b. The permittee must record the results of each inspection according to Condition 6.1 and perform corrective action where necessary. The permittee must also conduct tests according to the requirements in Condition 5.4c and record the results according to Condition 6.1.

- a. The permittee must inspect and maintain each wet particulate control system according to the following requirements:
  - i. The permittee must conduct a daily inspection to verify the presence of water flow to the wet particulate control system.
  - ii. The permittee must conduct weekly visual inspections of any flexible ductwork for leaks.
  - iii. The permittee must conduct inspections of the rigid, stationary ductwork for leaks, and the interior of the wet control system (if applicable) to determine the structural integrity and condition of the control equipment every 12 months.
- b. The permittee must inspect and maintain each dry particulate control unit according to the following requirements:
  - i. The permittee must conduct weekly visual inspections of any flexible ductwork for leaks.
  - ii. The permittee must conduct inspections of the rigid, stationary ductwork for leaks, and the interior of the dry particulate control unit for structural integrity and to determine the condition of the fabric filter (if applicable) every 12 months.

- c. For each particulate control device, the permittee must conduct a 5-minute visual determination of emissions from the particulate control device every 3 months using Method 22 (40 CFR part 60, appendix A-7). The visible emission test must be performed during the addition of dry pigments and solids containing compounds of cadmium, chromium, lead, or nickel to a process vessel or to the grinding and milling equipment. If visible emissions are observed for two minutes of the required 5-minute observation period, the permittee must conduct a Method 203C (40 CFR part 51, appendix M) test within 15 days of the time when visible emissions were observed. The Method 203C test will consist of three 1-minute test runs and must be performed during the addition of dry pigments and solids containing compounds of cadmium, chromium, lead, or nickel HAP to a process vessel or to the grinding and milling equipment. If the Method 203C test runs indicate an opacity greater than the limitation in Condition 3.7, the permittee must comply with the following requirements:
- i. The permittee must take corrective action and retest using Method 203C within 15 days. The Method 203C test will consist of three 1-minute test runs and must be performed during the addition of dry pigments and solids containing compounds of cadmium, chromium, lead, or nickel to a process vessel or to the grinding and milling equipment. The permittee must continue to take corrective action and retest each 15 days until a Method 203C test indicates an opacity equal to or less than the limitation in Condition 3.7.
  - ii. The permittee must prepare a deviation report in accordance with Condition 7.4d for each instance in which the Method 203C opacity results were greater than the limitation in Condition 3.7.
  - iii. The permittee must resume the visible determinations of emissions from the particulate control device in accordance with Condition 5.4c 3 months after the previous visible determination.

## 6.0 RECORDKEEPING REQUIREMENTS

### 6.1 Inspection and Testing Requirements

The permittee must record the following information for each inspection and testing activity:

- a. The date, place, and time;
- b. Person conducting the activity;
- c. Technique or method used;
- d. Operating conditions during the activity;
- e. Results; and
- f. Description of correction actions taken.

### 6.2 NESHAP Recordkeeping

The permittee must maintain the following records, for five years after the date of each recorded action, in a form suitable and readily available for expeditious review:

- a. The permittee must keep a copy of each notification that was submitted in accordance with Conditions 7.1 and 7.2, and all documentation supporting any Notification of Applicability and Notification of Compliance Status that was submitted.
- b. The permittee must keep a copy of each Annual Compliance Certification Report prepared in accordance with Condition 7.4.
- c. The permittee must keep records of all inspections and tests as required by Condition 6.1.
- d. If no longer processing, using, or generating materials containing hazardous air pollutants, the permittee must submit a Notification, which must include the following information:
  - i. The company's name and address;
  - ii. A statement by a responsible official indicating that the facility no longer processes, uses, or generates materials containing HAP, as defined in 40 CFR 63.11607, and that there are no plans to process, use or generate such materials in the future. This statement should also include the date by which the company ceased using materials containing HAP, as defined in 40 CFR 63.11607, and the responsible official's name, title, phone number, e-mail address and signature.

- 6.3 Excess Emissions** The permittee must maintain records of excess emissions as defined in OAR 340-214-0300 through 340-214-0340 (recorded on occurrence). Typically, excess emissions are caused by process upsets, startups, shutdowns, or scheduled maintenance. In many cases, excess emissions are evident when visible emissions are greater than 20% opacity for 3 minutes or more in any 60 minute period.
- 6.4 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.
- 6.5 Retention of Records** The permittee must maintain files of all information (including all reports and notifications) in a form suitable and readily available for expeditious inspection and review. The files must be retained for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. At a minimum, the most recent 2 years of data must be retained on site. The remaining 3 years of data may be retained off site. Such files may be maintained on microfilm, on a computer, on computer floppy disks, on magnetic tape disks, or on microfiche.

## 7.0 REPORTING REQUIREMENTS

- 7.1 Initial Notification of NESHAP Applicability** For a new affected source, the permittee must submit an initial notification of applicability no later than 180 days after initial start-up of the operations. The notification of applicability must include the following information:
- a. The name and address of the owner or operator;
  - b. The address (i.e., physical location) of the affected source; and
  - c. An identification of the relevant standard, or other requirement, that is the basis of the notification and the source's compliance date.
- 7.2 Notification of Compliance Status (NESHAP)** For an existing affected source, the permittee must submit a Notification of Compliance Status. For a new affected source, the permittee must submit a Notification of Compliance Status within 180 days after initial start-up. For an affected source that becomes an affected source after the applicable compliance date, the permittee must submit a Notification of Compliance Status within 180 days of the date processing, using, or generating materials

containing HAP commences, as defined in 40 CFR 63.11607. This Notification of Compliance Status must include the following information:

- a. The company's name and address;
- b. A statement by a responsible official with that official's name, title, phone number, e-mail address and signature, certifying the truth, accuracy, and completeness of the notification, a description of the method of compliance (i.e., compliance with management practices, installation of a wet or dry scrubber) and a statement of whether the source has complied with all the relevant standards and other requirements of the NESHAP.

**7.3 Excess Emissions**

The permittee must notify DEQ by telephone or in person of any excess emissions which are of a nature that could endanger public health.

- a. The permittee must provide such notice as soon as possible, but never more than one hour after becoming aware of the problem. Notice must be made to the regional office identified in Condition 8.3.
- b. If the excess emissions occur during non-business hours, the permittee must notify DEQ by calling the Oregon Emergency Response System (OERS). The current number is 1-800-452-0311.
- c. The permittee must also submit follow-up reports when required by DEQ.

**7.4 Annual NESHAP Compliance Certification Report**

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

- a. Company name and address;
- b. A statement that is signed by a responsible official with that official's name, title, phone number, e-mail address and signature, 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 the NESHAP; and
- c. Date of report and beginning and ending dates of the reporting period. The reporting period is the 12-month period beginning on January 1 and ending on December 31.

- d. If a deviation has occurred during the reporting period, a description of deviations from the applicable requirements, the time periods during which the deviations occurred, and the corrective actions taken.

**7.5 NESHAP Exemption Notification**

If no longer processing, using, or generating materials containing HAP, the permittee must submit a Notification, which must include the following:

- a. The company’s name and address;
- b. A statement by a responsible official indicating that the facility no longer processes, uses, or generates materials containing HAP, and that there are no plans to process, use or generate such materials in the future. This statement should also include the date by which the company ceased using materials containing HAP, and the responsible official’s name, title, phone number, e-mail address and signature.

**7.6 Initial Startup Notice**

The permittee must notify DEQ in writing of the date a new facility is started up. The notification must be submitted no later than seven (7) days after startup.

**7.7 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.

**7.8 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.

|   |   |
|---|---|
| <p><b>7.9 Where to Send Reports and Notices</b></p> | <p>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.</p> |
|---|---|

## 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 (or for portable sources, reports must be sent to the DEQ regional office located nearest to the company's office of record) for the area where the source is located. The Permit Coordinator addresses are as follows:

| Counties  | Permit Coordinator Address and Telephone   |
|---|--|
| Clackamas, Clatsop, Columbia, Multnomah, Tillamook, and Washington  | Department of Environmental Quality<br>Northwest Region<br>700 NE Multnomah Street, Suite 600<br>Portland, OR 97232<br>Telephone: (503) 229-5582 |
| Benton, Coos, Curry, Douglas, Jackson, Josephine, Lincoln, Linn, Marion, Polk, and Yamhill  | Department of Environmental Quality<br>Western Region<br>4026 Fairview Industrial Drive<br>Salem, OR 97302<br>Telephone: (503) 378-8240 ext. 225 |
| Baker, Crook, Deschutes, Gilliam, Grant, Harney, Hood River, Jefferson, Klamath, Lake, Malheur, Morrow, Sherman, Umatilla, Union, Wallowa, Wasco, Wheeler | Department of Environmental Quality<br>Eastern Region<br>475 NE Bellevue, Suite 110<br>Bend, OR 97701<br>Telephone: (541) 388-6146 ext. 223      |

- 8.3 DEQ 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:

## 9.0 EMISSION FACTORS

| Source           | Pollutant   | Device or Activity  | Emission Factor | EF Units           | EF         |
|------------------|---|---|-----------------|--------------------|------------|
| Paint Production | PM/PM10/PM2.5   | Pigment Handling  | 0.010           | lb/lb pigment      | AP-42      |
|                  | VOC   | Paint Production  | 0.034           | lb/lb solvent used | EIIP Ch. 8 |
|                  | Volatile HAPs   | (volatile HAP use/total volatile use) x total VOC emissions |                 |                    |            |
|                  | Metal HAPs  | (metal HAP use/ total solid use) x total PM emissions       |                 |                    |            |
| Ink Production   | PM/PM10/PM2.5   | Pigment Mixing  | 0.001           | lb/lb pigment      | AP-42      |
|                  | VOC   | General Ink   | 0.060           | lb/lb produced     | AP-42      |
|                  |   | Oil Ink   | 0.020           | lb/lb produced     | AP-42      |
|                  |   | Oleoresinous Ink  | 0.075           | lb/lb produced     | AP-42      |
|                  |   | Alkyd Ink   | 0.080           | lb/lb produced     | AP-42      |
|                  | Volatile HAPs   | (volatile HAP use/total volatile use) x total VOC emissions |                 |                    |            |
| Metal HAPs       | (metal HAP use/ total solid use) x total PM emissions |   |                 |                    |            |

## 10.0 CONTROL EFFICIENCIES

| Pollutant           | Control Device | Control Efficiency | Control Efficiency |
|---------------------|----------------|--------------------|--------------------|
| PM/PM10/PM2.5/Metal | Baghouse, ESP, | 95%                | EIIP Ch. 8         |

## 11.0 PROCESS/PRODUCTION RECORDS

| Emissions Device or Activity | Process or Production Parameter          | Frequency         |
|------------------------------|--|-------------------|
| Production                   | Pounds Solvent Used                      | Monthly, Annually |
|                              | Pounds of Each Volatile HAP Solvent Used | Monthly, Annually |
|                              | Pounds Pigment Used                      | Monthly, Annually |
|                              | Pounds of Each Metal HAP Pigment Used    | Monthly, Annually |
|                              | Pounds of Paint Produced                 | Monthly, Annually |
|                              | Pounds of Ink Produced                   | Monthly, Annually |

## 12.0 FEES

- 12.1 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.
- 12.2 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.
- 12.3 Where to Submit Fees** Fees must be submitted to:  
 Department of Environmental Quality  
 Business Office  
 811 SW Sixth Avenue  
 Portland, Oregon 97204-1390



## 13.0 GENERAL CONDITIONS AND DISCLAIMERS

- 13.1 Other Regulations** In addition to the specific requirements listed in this permit, the permittee must comply with all other legal requirements enforceable by DEQ.
- 13.2 Conflicting Conditions** In any instance in which there is an apparent conflict relative to conditions in this permit, the most stringent conditions apply.
- 13.3 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.
- 13.4 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.
- 13.5 Permit Availability** The permittee must have a copy of the permit available at the facility at all times.
- 13.6 Open Burning** The permittee may not conduct any open burning except as allowed by OAR 340 Division 264.
- 13.7 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.
- 13.8 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.
- 13.9 Modification or Revocation** The Commission may modify or revoke this permit pursuant to OAR 340-216-0060(3) and (4).

## 14.0 ABBREVIATIONS, ACRONYMS, AND DEFINITIONS

|                                    |  |                      |  |
|------------------------------------|--|----------------------|--|
| ACDP                               | Air Contaminant Discharge Permit   | Responsible Official | (1) For a corporation: A president, secretary, treasurer, or vice president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities and either: |
| ASTM                               | American Society for Testing and Materials   |                      |  |
| AQMA                               | Air Quality Maintenance Area   |                      |  |
| calendar year                      | The 12-month period beginning January 1st and ending December 31st   |                      |  |
| CFR                                | Code of Federal Regulations  |                      |  |
| CO                                 | Carbon monoxide  |                      |  |
| DEQ                                | Oregon Department of Environmental Quality   |                      | (a) The facilities employ more than 250 persons or have gross annual sales or expenditures exceeding \$25 million (in second quarter 1980 dollars); or   |
| EF                                 | Emission factor  |                      | (b) The delegation of authority to such representative is approved in advance by DEQ   |
| HAP                                | Hazardous Air Pollutant as defined by OAR 340-244-0040   |                      | (2) For a partnership or sole proprietorship: A general partner or the proprietor, respectively  |
| LB                                 | Pound  |                      |  |
| NESHAP                             | National Emissions Standards for Hazardous Air Pollutants  |                      |  |
| NO <sub>x</sub>                    | nitrogen oxides  |                      |  |
| OAR                                | Oregon Administrative Rules  | SIC                  | Standard Industrial Code   |
| ORS                                | Oregon Revised Statutes  | SIP                  | State Implementation Plan  |
| Paints and allied products process | All equipment which collectively produce a paint or allied product. A process may consist of one or more unit operations. The process includes any, all, or a combination of, weighing, blending, mixing, grinding, tinting, dilution or other formulation. Cleaning operations, material storage and transfer, and piping are considered part of the process. Quality assurance, quality control laboratories, and research and development facilities are not considered part of a paints and allied products process. | SO <sub>2</sub>      | sulfur dioxide   |
|                                    |  | Special Control Area | as defined in OAR 340-204-0070   |
|                                    |  | VOC                  | volatile organic compound  |
|                                    |  | year                 | A period consisting of any 12-consecutive calendar months  |
| PM                                 | particulate matter   |                      |  |
| PM <sub>10</sub>                   | particulate matter less than 10 microns in size  |                      |  |
| PM <sub>2.5</sub>                  | Particulate matter less than 2.5 microns in size   |                      |  |
| PSEL                               | Plant Site Emission Limit  |                      |  |

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 AQGP-030 paint and allied products.docx