

**ASSIGNMENT**

to

**GENERAL AIR CONTAMINANT DISCHARGE PERMIT**

Lane Regional Air Protection Agency  
 1010 Main Street  
 Springfield, OR 97477  
 (541) 736-1056

## PERMITTEE:

**Image King, Inc.**  
 4051 West 1<sup>st</sup> Ave.  
 Eugene, Oregon 97402

## INFORMATION RELIED UPON:

Application No.: 56717  
 Date Received: October 28, 2011

## PLANT SITE LOCATION:

4051 West 1<sup>st</sup> Ave.  
 Eugene, Oregon 97402

LAND USE COMPATIBILITY  
STATEMENT:

Date: November 8, 2011  
 Approving Authority: City of Eugene

**ASSIGNMENT:** The permittee identified above is assigned by the Lane Regional Air Protection Agency to the General ACDP listed below in accordance with ORS 468A.040, LRAPA Title 37 Section 37-0060-2 and based on the land use compatibility findings included in the permit record (note: land use compatibility statements are not applicable to portable sources).



Merlyn L. Hough, Director

DEC 13 2011

Dated

**General Air Contaminant Discharge Permit Issued in Accordance with Section 37-0060:**

General ACDP Number	Expiration Date	Source Category Description	SIC
AQGP-027	09/02/2021	Spray coating of motor vehicles, mobile equipment, or metal and/or plastic parts or products subject to 40 CFR Part 63, Subpart HHHHHH, using more than 20 gallons of coating per year, as adopted under LRAPA Titles 37 and 44.	7532

**SUPPLEMENTAL INFORMATION:**

<b>Facility contact:</b>		
Name:	Bruce King, Owner	
Phone number:	541-484-1482	
Facsimile number:	541-465-8994	
e-mail address:	bruce@imagekingsigns.com	
<b>Permit Summary:</b>		
Source Test Requirement	No	N/A
NSPS (40 CFR Part 60)	No	N/A
NESHAP (40 CFR Part 63)	Yes	Subpart 6H
Reports Required:		
Annual	Yes	February 15th
NSPS	No	N/A
NESHAP	No	N/A
Other	N/A	N/A
Public Notice	Category I	
<b>Application review report:</b>		
LRAPA has reviewed the application for assignment to the General ACDP and determined that the application is complete and the subject facility qualifies for assignment to the General ACDP.		

**GENERAL  
 AIR CONTAMINANT DISCHARGE PERMIT**

Lane Regional Air Protection Agency  
 1010 Main Street  
 Springfield, OR 97477  
 Telephone: (541) 736-1056

This permit is issued in accordance with the provisions of ORS 468A.040 and LRAPA 37-0060

**ISSUED BY THE LANE REGIONAL AIR PROTECTION AGENCY**

Signature on file

September 2, 2011

Merlyn L. Hough, Director

Dated

Title 37, Table 1	Source Category Description	NAICS
Part B, 79	Spray coating of motor vehicles, mobile equipment, or metal and/or plastic parts or products subject to 40 CFR Part 63, Subpart HHHHHH, as adopted under LRAPA Title 44, using more than 20 gallons of coating per year.	211112, 311942, 321991, 322214, 325110, 325120, 325131, 325188, 325192, 325193, 325199, 325211, 325510, 325998, 326199, 32614, 32615, 326199, 326291, 326299, 331111, 33121, 331221, 331311, 331316, 331511, 331513, 331524, 332311, 332312, 332321, 332323, 33242, 332722, 332813, 332991, 33312, 333313, 333611, 334119, 33422, 336111, 336112, 33612, 336211, 336212, 336213, 336214, 336312, 33632, 33633, 33634, 33635, 33637, 336399, 336413, 336414, 336415, 33651, 336611, 336612, 3369, 336991, 336999, 337214, 339111, 339112, 33992, 33995, 339999, 441110, 441120, 482111, 54171, 56121, 56211, 562211, 562212, 562213, 562219, 562920, 713931, 8111, 811121, 81131, 811420

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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 spray application of coatings that contain target HAP (compounds of chromium (Cr), lead (Pb), manganese (Mn), nickel (Ni), or cadmium (Cd)) to motor vehicles, mobile equipment, or metal and/or plastic parts or products.
- b. The source does not qualify for a Basic ACDP and 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. Exclusions** This permit is not applicable to the following surface coating or paint removal activities:

- a. Spray coating applications that meet the definition of facility maintenance or space vehicle in 40 CFR 63.11180
- b. Surface coating or paint stripping performed on site at installations owned or operated by the US Armed Forces (including the Coast Guard and the National Guard of any such State), the National Aeronautics and Space Administration, or the National Nuclear Security Administration
- c. Surface coating or paint stripping of military munitions, as defined in 40 CFR 63.11180, manufactured by or for the US Armed Forces (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.
- d. Surface coating or paint stripping performed by individuals on their personal possessions or property, either as a hobby or for maintenance of their personal possessions or property and 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 that pertain to motor vehicle and mobile equipment surface coating regardless of whether compensation is received.
- e. Surface coating meeting the definition of "research and

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laboratory activities” in 40 CFR 63.1180.

- f. Surface coating meeting the definition “quality control activities” in 40 CFR 63.1180.
- g. Surface coating covered under another area source NESHAP.

**1.3. Assignment**

LRAPA will assign qualifying permittees to this permit that have and maintain a good record of compliance with the LRAPA’s Air Quality regulations and that LRAPA determines would be appropriately regulated by a General ACDP. LRAPA may rescind assignment if the permittee no longer meets the requirements of this permit.

**1.4. Permitted Activities**

This permit allows the permittee 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 Permit or General ACDP Attachments, if applicable.

**1.5. Relation to local land use laws**

This permit is not valid outside of 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 outside of Lane County, contact the Oregon Department of Environmental Quality for any necessary permits at (503) 229-5359. 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.

**2.2. Fugitive Emissions**

The permittee must take reasonable precautions to prevent fugitive dust emissions by:

- a. Treating vehicular traffic areas of the plant site under the control of the permittee.
- 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 collected materials 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.

**2.3. 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. LRAPA will verify that the deposition exists and will notify the permittee that the deposition must be controlled.

**2.4. Nuisance and Odors** The permittee must not 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 LRAPA personnel.

### **3.0 COATING OPERATION AND MAINTENANCE**

**3.1. Compliance date** An existing affected source must achieve compliance no later than January 10, 2011. A new affected source must achieve compliance no later than January 9, 2008 or upon initial startup, whichever is later.

**3.2. Spray application** The spray application of surface coatings is prohibited by persons who are not certified, by the deadlines in Condition 4.2, to have completed the training described in Condition 4.1. This does not apply to the students of an accredited surface coating training program who are under the direct supervision of an instructor.

**3.3. Spray booth or enclosure** All spray-applied coatings must be applied in a spray booth, preparation station, or mobile enclosure that meets the following requirements in Condition 3.3.a and either Condition 3.3.b or 3.3.c:

- a. All spray booths, preparation stations, or mobile enclosures must be fitted with filters demonstrated to achieve at least 98% capture of paint overspray. The procedure to demonstrate filter efficiency must be consistent with ASHRAE Method 52.1 and 40 CFR 63.1173(e)(2)(i). The permittee may use published filter efficiency data provided by filter vendors to demonstrate compliance with this requirement. This requirement does not apply to waterwash spray booths that are operated and maintained according to the manufacturer's specifications.
- b. All spray booths and preparation stations 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.

- c. 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.

### **3.4. Spray equipment**

All spray-applied coatings must be applied as follows:

- a. With a high volume, low pressure (HVLP) spray gun, electrostatic application, airless spray gun, or air-assisted airless spray gun.
- b. With an equivalent technology that is demonstrated by the spray gun manufacturer to achieve transfer efficiency comparable to one of the spray gun technologies listed in Condition 3.4.a for a comparable operation, and for which written approval has been obtained from the EPA Administrator.
- c. The spray-equipment requirement does not apply to the following:
  - i. 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;
  - ii. The application of coatings on aerospace vehicles that contain fillers that adversely affect atomization with HVLP spray guns; or
  - iii. The application of coatings on aerospace vehicles that normally have a dried film thickness of less than 0.0013 centimeter (0.0005 in.).

### **3.5. Spray Gun Cleaning**

All paint spray gun cleaning must be done so that an atomized mist or spray of gun cleaning solvent and paint residue is not created outside of a container that collects used gun cleaning solvent. Examples of acceptable spray gun cleaning methods include:

- a. Hand cleaning of the disassembled gun in a container of solvent;
- b. Flushing solvent through the gun without atomizing the

solvent and paint residue;

- c. Using a fully enclosed spray gun washer; or
- d. A combination of non-atomized methods.

## **4.0 TRAINING REQUIREMENTS**

**4.1. Operator Training** The permittee must ensure and certify that all 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, and 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.
  - 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** All new and existing personnel who spray apply surface coatings,

## **Deadlines**

as defined in 40 CFR 63.11180, must be trained by 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. For an existing source (in existence prior to September 17, 2007), training and certification must be completed by January 10, 2011 or no later than 180 days after hiring, whichever is later.
- b. For a new source, all personnel must be trained and certified no later than July 7, 2008 or no later than 180 days after hiring, whichever is later.
- c. Painter training that was completed within five years prior to the date training is required, and that meets the requirements specified in Condition 4.1.b, satisfies this requirement and is valid for a period not to exceed five years after the date the training is completed.
- d. If it can show by documentation or certification that a painter's work experience and/or training has resulted in training equivalent to the training required in Condition 4.1.b, the permittee is not required to provide the initial training to these painters.

### **4.3. Operator 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 personnel receive refresher training and be certified every five years in accordance with the requirements in Condition 4.1.

## **5.0 PAINT STRIPPING OPERATIONS**

### **5.1. Applicability**

This section applies only to facilities that use methylene chloride (MeCl) to strip dried paint from any surface.

### **5.2. Compliance Date**

An existing affected source must achieve compliance no later than January 10, 2011. A new affected source must achieve compliance no later than January 9, 2008 or upon initial startup, whichever is later.

### **5.3. Management Practices**

The permittee must implement management practices to minimize evaporative emissions of MeCl. The management practices must address, at a minimum, the following practices, as applicable:

- a. Evaluate each 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. Evaluate each application to ensure that there is no alternative paint stripping technology that can be used.
- c. Reduce exposure of all paint strippers containing MeCl to the air.
- d. Optimize 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).
- e. Practice proper storage and disposal of paint strippers containing MeCl (e.g., store stripper in closed, airtight containers).

**5.4. Minimization Plan** For each paint stripping operation that uses more than one ton of MeCl per year, the permittee must develop and implement a written MeCl minimization plan. At a minimum, the plan must address each item in Condition 5.3, as applicable, to the operation. The plan must be kept on site and be made available upon request.

**5.5. Signage** For each paint stripping operation that uses more than one ton of MeCl per year, the permittee must post a sign or placard outlining the minimization plan in each area where paint stripping operations occur.

**6.0 PLANT SITE EMISSION LIMITS**

**6.1. Plant Site Emission Limits (PSEL)**

Plant site emissions must not exceed the following:

Pollutant	Limit	Units
VOC	39	Tons/year
Single HAP	9	Tons/year
Combined HAPs	24	Tons/year

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

**6.3. VOC and HAP PSEL Compliance Monitoring for Surface Coating Operations 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. Facilities will be presumed to be in compliance with the yearly VOC and HAP PSELs provided total VOC and

HAP containing coating and solvent consumption does not exceed 2,500 gallons during any 12-consecutive calendar month period.

- b. If the permittee exceeds the total VOC and HAP containing coating and solvent consumption stated above, the permittee must demonstrate compliance with the yearly VOC and HAP PSELs on a monthly basis as follows:

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

where,

$E_{\text{VOC or HAP}}$  = VOC or HAP emissions (tons/yr);

C = Material usage for the period in gallons;

K = VOC or HAP content of the material (lb/lb);

X = Subscript X represents a specific material.

## 7.0 RECORDKEEPING REQUIREMENTS

### 7.1. General

The permittee must maintain the following:

- a. All notifications and reports submitted to LRAPA 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.
- c. Records of any deviation from the requirements in this permit. These records must include the date and time period of the deviation, and a description of the nature of the deviation and the actions taken to correct the deviation.

### 7.2. Coating Operations

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

- a. 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. Documentation of the filter efficiency of any spray booth exhaust filter material as specified in Condition 3.3.
- c. Dates the filters used to comply with Condition 3.3 were replaced. This may be part of the daily log.
- d. Documentation from the spray gun manufacturer that each spray gun with a cup capacity equal to or greater than 3.0

fluid ounces (89 cc) that does not meet the definition of an HVLP spray gun, electrostatic application, airless spray gun, or air assisted airless spray gun, has been determined by EPA to achieve a transfer efficiency equivalent to that of an HVLP spray gun, in accordance with Condition 3.4.

**7.3. Stripping Operations**

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

- a. Information about each MeCl containing paint stripper used at the facility, including the MeCl content of the stripper and the amount of the stripper used per year, in gallons.
- b. MSDS or other documentation provided by the supplier or manufacturer or engineering calculations are sufficient to document the paint stripper MeCl content.
- c. Purchase receipts or itemized invoices are sufficient to document paint stripper usage.
- d. For a paint stripping operation that annually uses more than one ton of MeCl, the permittee is required to maintain a record of the current MeCl minimization plan on site for the duration of the paint stripping operations. The permittee must also keep records of the annual review of, and updates to, the MeCl minimization plan.

**7.4. Emissions**

The permittee must maintain records of annual emissions and/or annual coating and solvent usage, as applicable (see Condition 6.3), including the VOC and HAP content of each coating and solvent used.

**7.5. 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.

**7.6. Retention of Records**

Unless otherwise specified, all records must be maintained for a period of 5 years. The permittee must hold the records on site for a period of 2 years and make them available to LRAPA upon request.

## 8.0 REPORTING REQUIREMENTS

- 8.1. Initial Notification** The permittee must submit an initial notification in accordance with 40 CFR 63.11175(a). A form for this purpose is available from LRAPA. The notification must be sent to the appropriate LRAPA office, as listed in Condition 9.2.
- a. For painting/stripping operations existing on July 7, 2008, this notification must be submitted not later than January 11, 2010.
  - b. For sources constructed/installed after July 7, 2008, this notification must be submitted within 180 days of initial start-up of the painting/stripping operation.
- 8.2. Notification of Compliance Status** The permittee must submit a notification of compliance status in accordance with 40 CFR 63.11175(b). A form for this purpose is available from LRAPA. The notification must be sent to the LRAPA address, as listed in Condition 9.2.
- a. For painting/stripping operations existing on July 7, 2008, this notification must be submitted not later than March 11, 2011.
  - b. For sources constructed/installed after July 7, 2008, this notification must be submitted within 180 days of initial start-up of the painting/stripping operation.
  - c. For a paint stripping operation for which a written MeCl minimization plan has not been developed in accordance with Condition 5.4, the permittee must submit a new notification of compliance status by March 1 of the year following a year in which more than one ton of MeCl is used.
- 8.3. Annual Report** For each year this permit is in effect, the permittee must submit to LRAPA 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, e-mail address (if available) and signature of the certifying company official, certifying the truth, accuracy, and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this permit or an explanation of any noncompliance and a description of corrective actions

being taken to achieve compliance.

- c. For each spray-applied coating that contains a metal HAP, the metal HAP content and amount used, in gallons.
- d. For each paint stripper used that contains MeCl, the MeCl content and amount used, in gallons.
- e. Summary of complaints relating to air quality received by permittee during the year.
- f. Annual VOC and HAP containing coating and solvent usage or annual emissions, as applicable (see Condition 6.3).

**8.4. Notice of Change of Ownership or Company Name**

The permittee must notify LRAPA in writing using a LRAPA "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.

**8.5. Construction or Modification Notices**

The permittee must notify LRAPA in writing using a LRAPA "Notice of Construction Form," or "Permit Application Form," and obtain approval in accordance with LRAPA Title 34:

- a. Installing new paint stripping or surface coating equipment. This does not include enclosed spray gun cleaners, paint stripping equipment to reduce MeCl emissions, or purchasing new spray guns to comply with this permit at an existing source;
- b. Making a physical change(s) to existing paint stripping or surface coating equipment which increases air emissions. This does not include routine maintenance, such as filter replacement.

**8.6. Where to Send Reports and Notices**

The reports, with the permit number prominently displayed, must be sent to the LRAPA address as identified in Condition 9.2.

**9.0 ADMINISTRATIVE REQUIREMENTS**

**9.1. Permit Renewal Application**

A complete application for reassignment to this permit is due within 60 days after the permit is reissued. LRAPA will notify the permittee when the permit is reissued.

- a. The permittee may submit an application for a Basic, Simple or Standard ACDP at any time, but the permittee must continue to comply with the General ACDP until

LRAPA takes final action on the application.

- b. If a complete application for reassignment to the General permit, or application made for a Simple or Standard permit in a timely manner, the permit will not be deemed to expire until final action has been taken on the application.

**9.2. Permit Coordinator Address** All reports, notices, and applications should be directed to LRAPA as follows:  
Lane Regional Air Protection Agency  
1010 Main Street  
Springfield, OR 97477  
541-736-1056

**9.3. LRAPA's web site** Information about air quality permits and the LRAPA's regulations may be obtained from the LRAPA web page at [www.lrapa.org](http://www.lrapa.org).

## 10.0 FEES

**10.1. Annual Compliance Fee** The annual fee specified in LRAPA 37-0020, Table 2, Part 2 for a General ACDP is due on **December 1** of each year this permit is in effect. An invoice indicating the amount, as determined by LRAPA regulations, will be mailed prior to this date.

**10.2. Change of Ownership or Company Name Fee** The non-technical permit modification fee specified in LRAPA 37-0020, Table 2, Part 3.a is due with an application for changing the ownership or the name of the company.

**10.3. Special Activity Fees** The special activity fees specified in LRAPA 37-0020, Table 2, Part 3 (b through i) are due with an application to modify the permit.

**10.4. Where to Submit Fees** Fees must be submitted to:  
Lane Regional Air Protection Agency  
1010 Main Street  
Springfield, Oregon 97477

## 11.0 GENERAL CONDITIONS AND DISCLAIMERS

**11.1. Other Regulations** In addition to the specific requirements listed in this permit, the permittee must comply with all other legal requirements enforceable by LRAPA.

**11.2. Conflicting** In any instance in which there is an apparent conflict relative to

- Conditions** conditions in this permit, the most stringent conditions apply.
- 11.3. 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.
- 11.4. LRAPA Access** The permittee must allow LRAPA'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.
- 11.5. Permit Availability** The permittee must have a copy of the permit available at the facility at all times.
- 11.6. Open Burning** The permittee may not conduct any open burning except as allowed by LRAPA Title 47.
- 11.7. Asbestos** The permittee must comply with the asbestos abatement requirements in LRAPA Title 43 for all activities involving asbestos-containing materials, including, but not limit to, demolition, renovation, repair, construction, and maintenance.
- 11.8. 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.
- 11.9. Termination, Revocation, or Modification** LRAPA may modify or revoke this permit pursuant to LRAPA 37-0082 and 37-0084.

## **12.0 ABBREVIATIONS, ACRONYMS, AND DEFINITIONS**

ACDP	Air Contaminant Discharge Permit	CFR	Code of Federal Regulations
		Cr	Chromium
ASHRAE	American Society of Heating, Refrigerating, and Air-Conditioning Engineers	DEQ	Oregon Department of Environmental Quality
calendar year	The 12-month period beginning January 1st and ending December 31st	EPA	US Environmental Protection Agency
Cd	Cadmium	HAP	Hazardous Air Pollutant as defined LRAPA Title 44

LRAPA	Lane Regional Air Protection Agency	OAR	Oregon Administrative Rules
MeCl	Methylene chloride	ORS	Oregon Revised Statutes
metal HAP	chromium, manganese, lead, nickel, cadmium	Pb	lead
Mn	Manganese	PSEL	Plant Site Emission Limit
MSDS	material safety data sheet	SIC	Standard Industrial Code
NESHAP	National Emissions Standards for Hazardous Air Pollutants	target HAP	chromium, manganese, lead, nickel, cadmium
Ni	Nickel	year	A period consisting of any 12-consecutive calendar months

jce: 06/22/2010  
AQGP-027 6H surface coating permit general acdp.docx  
max 04/07/2011: rcl 8/29/2011

Lane Regional Air Protection Agency

**GENERAL**  
**AIR CONTAMINANT DISCHARGE PERMIT**  
**ASSESSMENT REPORT**  
  
**SURFACE COATING OF**  
**MOTOR VEHICLES, MOBILE EQUIPMENT, AND**  
**METAL AND/OR PLASTIC PARTS AND PRODUCTS**

SOURCE DESCRIPTION AND QUALIFICATION

1. This general permit is designed to regulate air contaminant emissions from the spray application of coatings to motor vehicles, mobile equipment, and parts or products made of metal or plastic or combinations of metal and plastic, subject to the Paint Stripping and Miscellaneous Surface Coating Operations NESHAP (40 CFR part 63 subpart HHHHHH) **and using more than 20 gallons of coating per year**. The Paint Stripping and Miscellaneous Surface Coating Operations NESHAP regulates facilities that have any of the following operations:
  - a. Paint stripping operations that involve the use of chemical strippers that contain 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;
  - b. Autobody refinishing operations that encompass motor vehicle and mobile equipment spray-applied surface coating operations;
  - c. Spray application of coatings containing compounds of chromium (Cr), lead (Pb), manganese (Mn), nickel (Ni), or cadmium (Cd), collectively referred to as the target HAP to any part or product made of metal or plastic, or combinations of metal and plastic that are not motor vehicles or mobile equipment.
2. This specific equipment used at this facility includes: [INSERT PAINT BOOTH INFORMATION AND SPRAY GUN INFORMATION, etc.]
3. This General Permit does not apply to:
  - a. Motor vehicle or mobile equipment surface coating operations that receive an exemption from 40 CFR part 63 subpart HHHHHH because they do not spray apply coatings that contain target HAP (compounds of chromium (Cr), lead (Pb), manganese (Mn), nickel (Ni), or cadmium (Cd)).
  - b. Spray coating applications that meet the definition of facility maintenance or

- space vehicle in 40 CFR 63.11180.
- 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 40 CFR 63.11180, 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 possessions or property, either as a hobby or for maintenance of their personal possessions or property. This general permit also does not apply when these operations are performed by individuals for others without compensation.
  - f. Surface coating or paint stripping that meets the definition of “research and laboratory activities” in 40 CFR 63.11180.
  - g. Surface coating or paint stripping that meets the definition of “quality control activities” in 40 CFR 63.11180.
  - h. Surface coating or paint stripping activities that are covered under another area source NESHAP.
4. Facilities eligible for assignment to this permit have not experienced recurring or serious compliance problems.
  5. If this General Permit does not cover all requirements applicable to the facility, the other applicable requirements must be covered by assignment to one or more General Permit Attachments in accordance with LRAPA 37-0062, otherwise the facility must obtain a Simple or Standard Permit.
  6. A facility requesting to be assigned to a General Permit Attachment, in accordance with LRAPA 37-0062, for a source category in a higher annual fee class, must be reassigned to the General Permit for the source category in the higher annual fee class.

#### ASSESSMENT OF EMISSIONS

7. Facilities assigned to this General Permit are sources of volatile organic compounds (VOC), particulate matter (PM) and hazardous air pollutant (HAP) emissions. Facilities assigned to this permit may also be sources of carbon monoxide (CO), sulfur dioxides (SO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>) emissions.
8. LRAPA has assessed the level of emissions of all air pollutants from these facilities and determined that facilities complying with the operational limits and monitoring requirements of this permit have emission levels below the established levels of concern stated in Tables 2 and 3 of LRAPA Title 12.

9. The emissions at the facility are estimated to be as follows [INSERT ACTUAL AND/OR POTENTIAL EMISSIONS ESTIMATES].

#### SPECIFIC AIR PROGRAM APPLICABILITY

10. Facilities assigned to this General Permit are subject to the general visible emissions standards, nuisance requirements (control of fugitive dust and odors) in LRAPA Title 32 and 48. The permit contains requirements and limitations to ensure compliance with these standards.
11. Facilities assigned to this General Permit are subject to 40 CFR part 63 subpart HHHHHH as adopted in LRAPA Title 44. The permit contains requirements and limitations to ensure compliance with these standards. The following table lists the permit conditions that implement 40 CFR part 63 subpart HHHHHH.

#### COMPLIANCE ASSURANCE

12. Permittees are required to maintain records of notifications, production, compliance, work practice activities, and complaints received at the facility. These items are reported to LRAPA annually, as applicable.
13. LRAPA staff members perform site inspections of the permitted facilities on a routine basis, and more frequently if complaints are received.

#### REVOCACTION OF ASSIGNMENT

14. Any facility that fails to demonstrate compliance, generates complaints, or fails to conform to the requirements and limitations contained in the permit may have its assignment to the General Permit revoked. The facility would then be subject to a higher, more stringent level of permitting.

#### PUBLIC NOTICE

15. General Air Contaminant Discharge Permits are incorporated into LRAPA Rules and Regulations by reference and are part of the State Implementation Plan. As part of the rulemaking process, the public will be provided at least 30 days to submit written comments or may provide oral testimony at a public hearing that will be held at the end of the comment period in different locations throughout the state. Notice of when and where the hearings will be held will be provided at least 30 days in advance of the hearings. LRAPA will review any comments and may modify the permits in response to the comments. The final permits will be issued after approval by the LRAPA Director.