

Armur Electrostatic Powder Coatings & Sandblasting  
Permit No.: 200037  
Expiration Date: January 4, 2017

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**LANE REGIONAL AIR PROTECTION AGENCY**

1010 Main Street, Springfield, Oregon 97477

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**Simple**  
**AIR CONTAMINANT DISCHARGE PERMIT**

Issued in accordance with provisions of Title 37, Lane Regional Air Protection Agency's Rules and Regulations, and based on the land use compatibility findings included in the permit record.

Issued To:

**Armur Electrostatic Powder  
Coatings & Sandblasting**  
6191 Royal Avenue  
Eugene, Oregon 97402

Land Use Compatibility Statement:

From: City of Eugene  
Dated: January 23, 2003

Mailing Address:

Same as above

Fee Basis:

Title 37, Table 1:  
Part B: 74

All Other Sources not listed herein that LRAPA determines an air quality concern exists or one which would emit significant malodorous emissions

Permit Number: 200037

Permit Type: Simple "Low"

SIC: 1799 Special Trade Contractors, Not  
Elsewhere Classified


Date Issued: January 4, 2012

Expiration Date: January 4, 2017

Permitted Sources:

3 Sandblasting Booths  
2 Powder Coating Booths  
2 Powder Coating Ovens

Issued  
By: \_\_\_\_\_

  
Merlyn L. Hough, Director

Effective

Date: JAN - 4 2012

Permitted Activities

1. Until this permit expires or is revoked, the permittee is herewith allowed to discharge air contaminants only in accordance with the permit application and the requirements, limitations, and conditions contained in this permit. This specific listing of requirements, limitations, and conditions does not relieve the permittee from complying with all other rules of Lane Regional Air Protection Agency (LRAPA).

Emission Unit Description

2. The emission units regulated by this permit are the following:

Emission Unit	Pollutant Emitted
Three (3) Sandblasting Booths (SBR-A, SBR-B, SBR-C)	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
Two (2) Powder Coating Booths (EP-1, EP-2)	PM, PM <sub>10</sub> , PM <sub>2.5</sub>
Two (2) Powder Coating Ovens (EP-3, EP-4)	PM, PM <sub>10</sub> , PM <sub>2.5</sub> , CO, NO <sub>x</sub>

Performance Standards and Limitations

**Plant Site Emission Limits (PSELs)**

3. Total 12-month rolling plant site emissions shall not exceed the following PSELs. Any changes in operation that may increase the emissions above the PSEL must be approved by LRAPA. Failure to do so may result in enforcement action by LRAPA. [LRAPA 42-0040]

**Annual PSEL  
(tons/year)**

Source	PM	PM <sub>10</sub>	PM <sub>2.5</sub>
<b>Totals</b>	<b>24</b>	<b>14</b>	<b>9</b>

4. To ensure compliance with the annual PSEL, total sand blasting sand used at the plant site shall not exceed 100,000 lbs per each 12-month rolling period. [LRAPA 42-0080]

**Performance Standards and Source Specific Emission Limitations**

5. The permittee shall not cause, suffer, allow, or permit the emission of any air contaminant, excluding uncombined water, into the atmosphere from any air contaminant source for a period or periods aggregating more than three (3) minutes in any one (1) hour which is equal or greater than 20 percent opacity. [LRAPA 32-010-1. and 3.]
6. Particulate emissions shall not exceed 0.1 grains per dry standard cubic foot (dscf) from any air contaminant source constructed or modified after June 1, 1970. [LRAPA 32-015-2.]
7. Particulate emissions from each combustion source shall not exceed 0.1 grains per cubic foot (scf) adjusted to 50 percent excess air or calculated to 12 percent carbon dioxide. [LRAPA 32-030]
8. The permittee shall utilize reasonable precautions to prevent fugitive dust from becoming airborne. Such precautions shall include, but not be limited to, the following:
  - 8.a. Application of asphalt, approved road oil, water, or other suitable chemicals on unpaved roads, material stockpiles, and other surfaces which can create airborne dusts;
  - 8.b. Full or partial enclosure of materials stockpiles in cases where application of oil, water or chemicals is not sufficient to prevent particulate matter from becoming airborne;
  - 8.c. Adequate containment during sandblasting or other similar operations;
  - 8.d. Curtains must be closed at all times when sandblasting;
  - 8.e. The prompt removal from paved streets of earth or other material which does or may become airborne.
  - 8.f. The permittee shall implement housekeeping practices to prevent particulate matter from becoming airborne exterior to permittee's buildings, including but not limited to cleaning around bins and equipment. [LRAPA 48-015]
9. Processes controlled by filters and baghouses shall not be operated without the control devices on-line and functioning properly. Filters and baghouses shall be operated at all times at the highest reasonable efficiency. [LRAPA 32-007] The owner/operator shall perform routine maintenance of the baghouses and keep records as required per Condition 10.

#### Monitoring, Recordkeeping and Reporting

##### **Monitoring and Recordkeeping**

10. ***By the tenth (10<sup>th</sup>) day of each month***, the permittee shall record the following information for the emissions units listed in Condition 2. A record of the following data shall be maintained for a period of two (2) years at the plant site and shall be available for inspection by authorized representatives of LRAPA: [LRAPA 35-0160]

Monitoring or Recordkeeping Parameter	Minimum Recording Frequency
Sandblasting media purchased. (lbs)	Monthly
Powder Coating media purchased. (lbs)	Monthly
Monitor pressure readings of each filter and record in a log.	Monthly
Burner fuel throughput. (units e.g. cubic feet or therms)	Monthly

11. Compliance with the PSEs in Condition 3 is determined for each 12-month rolling period based on the following calculation for each pollutant for all processes: [LRAPA 35-0160]

The permittee shall maintain throughput records of all materials that are handled by the sand blasting and powder coating emission units listed in Condition 2 and calculate emissions using the following equations:

**For PM:**       $[ E = \sum (RM \times EF) ] / 2000$

Where:      E      =      PM emissions in tons per month.  
                $\Sigma$      =      symbol representing "summation of"  
               RM     =      Raw Material throughput in tons per month  
               EF     =      Emission Factor

For sand blasting of mild steel use 91 lbs PM/PM<sub>10</sub>/PM<sub>2.5</sub> per 1000 lbs of sand blasting media, For powder coating use 0.1 lb PM/PM<sub>10</sub>/PM<sub>2.5</sub> per lb coating.

**Annual Emissions =  $\Sigma$  Monthly Emissions for each 12-month rolling period**

**Reporting**

12. An annual summary shall be submitted for the information as required per Conditions 10 and 11, and G15. **The report shall be submitted by February 15 of each year.** [LRAPA 35-0160]
13. Unless otherwise specified, all reports, test results, notifications, etc., required by the above terms and conditions shall be reported to the following office: [LRAPA 35-0160]

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

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Fee Schedule

14. In accordance with adopted regulations, the permittee shall be invoiced by 10/1 each year for the Annual Fee. [LRAPA 37-0060 Table 2]

MTL/cmw  
11/16/11

## **GENERAL PERMIT CONDITIONS**

### General Conditions and Disclaimers

- G1. A copy of the permit application and this Air Contaminant Discharge Permit (ACDP) must be available on site for inspection upon request.
- G2. The permittee shall allow the Director or his/her authorized representatives access to the plant site and pertinent records at all reasonable times for the purpose of making inspections, surveys, collecting samples, obtaining data, reviewing and copying air contaminant discharge records and otherwise conducting necessary functions related to this permit in accordance with ORS 468.095. [LRAPA 13-020(1)(h)]
- G3. 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.

### Performance Standards and Emission Limits

- G4. No person shall not cause or permit the emissions of any particulate matter which is greater than 250 microns in size if such particulate matter does or will deposit upon the real property of another person when notified by LRAPA that the deposition exists and must be controlled. [LRAPA 32-055]
- G5. No person shall discharge from any source whatsoever such quantities of air contamination which cause injury or damage to any persons, the public, business or property. Such determination to be made by LRAPA. [LRAPA 32-090-1]
- G6. The permittee shall not cause or permit emission of water vapor if the water vapor causes or tends to cause detriment to the health, safety or welfare of any person or causes, or tends to cause damage to property or business. [LRAPA 32-090-2]
- G7. The permittee shall not willfully cause or permit the installation or use of any device or use of any means which, without resulting in a reduction in the total amount of air contaminants emitted, conceals emissions of air contaminants which would otherwise violate LRAPA rules. [LRAPA 33-030-1]
- G8. The permittee shall not cause or permit the installation or use of any device or use of any means designed to mask the emissions of an air contaminant which causes or tends to cause detriment to health, safety or welfare of any person. [LRAPA 33-030-2]
- G9. The permittee shall not allow any materials to be handled, transported, or stored; or a building, its appurtenances or road(s) to be used, constructed, altered, repaired, or demolished; or any equipment to be operated, without taking reasonable precautions to prevent particulate matter from being airborne. [LRAPA 48-015-2]
- G10. No person may cause or allow air contaminants from any source subject to regulation by LRAPA to cause nuisance. [LRAPA 49-010-1]

Excess Emissions: General Policy

- G11. Emissions of air contaminants in excess of applicable standards or permit conditions are unauthorized and are subject to enforcement action, pursuant to LRAPA 36-010 and 36-030. These rules apply to any permittee operating a source which emits air contaminants in violation of any applicable air quality rule or permit condition, including but not limited to excess emissions resulting from the breakdown of air pollution control equipment or operating equipment, process upset, startup, shutdown, or scheduled maintenance. Sources that do not emit air contaminants in excess of any applicable rule or permit condition are not subject to the recordkeeping and reporting requirements in LRAPA Title 36. [LRAPA 36-001-1]

Excess Emissions: Notification and Record-keeping

- G12. For all other excess emissions not addressed in LRAPA Sections 36-010, 36-015, or 36-040, the following requirements apply. The owner or operator, of a small source, as defined by Section 36-005-7, need not notify LRAPA of excess emissions events immediately unless otherwise required by permit condition, written notice by LRAPA, or if the excess emission is of a nature that could endanger public health. [LRAPA 36-020-1]

Notification shall be made to the LRAPA office. The current LRAPA telephone number during regular business hours (8 a.m. - 5 p.m., M-F) is (541) 736-1056. During nonbusiness hours, weekends, or holidays, the permittee shall immediately notify LRAPA by calling the LRAPA Upset/Complaint Line. The current number is (541) 726-1930.

Follow-up reporting, if required by LRAPA, shall contain all information required by Condition G15.

- G13. At each annual reporting period specified in this permit, or sooner if required by LRAPA, the permittee shall submit a copy of the upset log entries for the reporting period, as required by Condition G15. [LRAPA 36-025-4]
- G14. Any excess emissions which could endanger public health or safety shall immediately be reported to the Oregon Emergency Response System (OERS) at 1-800-452-0311.
- G15. The permittee shall keep an upset log of all planned and unplanned excess emissions. [LRAPA 36-025-3 and 36-030-1] The upset log shall include the following:
- a. date and time each event was reported to LRAPA;
  - b. whether the process handling equipment and the air pollution control equipment were at all times maintained and operated in a manner consistent with good practice for minimizing emissions;
  - c. whether repairs or corrections were made in an expeditious manner when the permittee knew or should have known that emission limits were being or were likely to be exceeded;
  - d. whether the event was one in a recurring pattern of incidents which indicate inadequate design, operation, or maintenance; and
  - e. final resolution of the cause of the excess emissions.

Upset logs shall be kept by the permittee for five (5) calendar years.  
[LRAPA 36-025-4]

Excess Emissions: Scheduled Maintenance

- G16. Where it is anticipated that shutdown, by-pass, or operation at reduced efficiency of production equipment or air pollution control equipment for necessary scheduled maintenance may result in excess emissions, the permittee must obtain prior LRAPA approval of procedures that will be used to minimize excess emissions. Application for approval of procedures associated with the scheduled maintenance shall be submitted and received by LRAPA in writing at least seventy-two (72) hours prior to the event. [LRAPA 36-015-1] The application shall include the following:
- a. reasons explaining the need for maintenance, including why it would be impractical to shut down the source operation during the period, and why the by-pass or reduced efficiency could not be avoided through better scheduling for maintenance or through better operation and maintenance practices;
  - b. identification of the specific production or emission control equipment or system to be maintained;
  - c. nature of the air contaminants likely to be emitted during the maintenance period, and the estimated amount and duration of the excess emissions, including measures such as the use of overtime labor and contract services and equipment that will be taken to minimize the length of the maintenance period; and
  - d. identification of specific procedures to be followed which will minimize excess emissions.
- G17. No scheduled maintenance which is likely to result in excess emissions shall occur during any period in which an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency has been declared, or during an announced "Stage I Red" woodstove advisory period, in areas determined by LRAPA as PM<sub>10</sub> Nonattainment Areas. [LRAPA 36-015-6]
- G18. In cases where LRAPA has not received notification of scheduled maintenance that is likely to cause excess emissions within the required seventy-two (72) hours prior to the event, or where such approval has not been waived pursuant to LRAPA 36-015-3, the permittee shall immediately notify LRAPA by telephone of the situation, and shall be subject to the requirements of Conditions G12 and G13. [LRAPA 36-015-7]

Air Pollution Emergencies

- G19. The permittee shall, upon declaration of an air pollution episode, take all actions specified in Tables 1, 2, and 3 of LRAPA's Title 51 (see Attachment A) and shall particularly put into effect the LRAPA-approved preplanned abatement strategy for such condition, if applicable. [LRAPA 51-015]

Notification of Construction/Modification

- G20. The permittee shall notify LRAPA in writing and obtain approval in accordance with LRAPA 34-035 before:
- a. constructing or installing any new source of air contaminant emissions, including air pollution control equipment; or
  - b. modifying or altering an existing source that may significantly affect the emissions of air contaminants, or
  - 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 to levels above those contained in the permit application and reflected in this permit and which result in increased emissions.

Notification of Name Change

- G21. The permittee shall notify LRAPA in writing, using an LRAPA Application for Administrative Amendment to ACDP form, within 60 days after legal change of the registered name of the company with the Corporation Division of the State of Oregon.

Applicable administrative fees must be submitted with an application for the name change.

Permit Renewal

- G22. Application for renewal of this permit must be submitted not less than 60 days prior to the permit expiration date. [LRAPA 37-0040]
- G23. The procedure for issuance of a permit shall apply to renewal of a permit. If a completed application for a renewal of a permit is filed with LRAPA in a timely manner, prior to the expiration date of the permit, the permit shall not be deemed to expire until final action has been taken on the renewal application to issue or deny a permit. [LRAPA 37-0082-1]

Termination Conditions

- G24. This permit shall be automatically terminated upon: [LRAPA 37-0082]
- a. Issuance of a renewal or new ACDP for the same activity or operation;
  - b. Written request of the permittee, if LRAPA determines that a permit is no longer required;
  - c. Failure to submit a timely application for permit renewal. Termination is effective on the permit expiration date; or;
  - d. Failure to pay annual fees within 90 days of invoice by LRAPA, unless prior arrangements for payment have been approved in writing by LRAPA.
- G25. If LRAPA determines that a permittee is in noncompliance with the terms of the permit, submitted false information in the application or other required documentation, or is in violation of any applicable rule or statute, LRAPA may revoke the permit. Notice of the intent to revoke the permit

will be provided to the permittee in accordance with LRAPA Title 14. The notice will include the reasons why the permit will be revoked, and include an opportunity for hearing prior to the revocation. A written request for hearing must be received within 60 days from service of the notice, and must state the grounds of the request. The hearing will be conducted as a contested case hearing in accordance with LRAPA Title 14. The permit will continue in effect until the 60 days expires, or until a final order is issued if an appeal is filed, whichever is later. [LRAPA 37-0082-4]

- G26. A permit automatically terminated under 37-0082-2.B. through 2.D. may only be reinstated by the permittee by applying for a new permit, including the applicable new source permit application fees as set forth in Title 37. [LRAPA 37-0082-3]
- G27. If LRAPA finds there is a serious danger to the public health, safety or the environment caused by a permittee's activities, LRAPA may immediately revoke or refuse to renew the permit without prior notice or opportunity for a hearing. If no advance notice is provided, notification will be provided to the permittee as soon as possible as provided in LRAPA Title 14. The notification will set forth the specific reasons for the revocation or refusal to renew. For the permittee to contest LRAPA's revocation or refusal to renew LRAPA must receive a written request for a hearing within 90 days of service of the notice and the request must state the grounds for the request. The hearing will be conducted as a contested case hearing in accordance with LRAPA Title 14. The revocation or refusal to renew becomes final without further action by LRAPA if a request for a hearing is not received within the 90 days. [LRAPA 37-0082-4.B]
- G28. Any hearing requested shall be conducted pursuant to the rules of LRAPA. [LRAPA Title 31]
- G29. The permittee may be required to submit, by April 20 of each year, the emission inventory form provided by LRAPA. [LRAPA 34-015]
- G30. Any owner or operator who fails to submit any relevant facts or who has submitted incorrect information in a permit application must, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information.