

Lane Regional Air Pollution Authority  
Minimal Air Contaminant Discharge Permit

## REVIEW REPORT

Armur Electrostatic Powder Coatings & Sandblasting

Permit No. 200037

### PERMITTING

#### Permitting Action

1. This permit is a new permit for a new facility. The primary reason for this permit action is to issue the new permit.

#### Other Permits

2. No other permits have been issued or are required by LRAPA for this facility.

#### Attainment Status

3. The facility is located in an attainment area for all pollutants except PM<sub>10</sub> (particulate matter less than 10 microns in size). The Eugene/ Springfield Air Quality Management Area is a non-attainment area for PM<sub>10</sub>.

### SOURCE DESCRIPTION

#### Overview

4. The facility operates a sandblasting and powder-coating operation at 6191 Royal Avenue in Eugene and at various locations in Lane County. The facility controls PM (particulate matter)/PM<sub>10</sub> emissions by the use of enclosures and filters. Baseline Emissions were not set in the permit because the facility is well below the Significant Emission Rates as listed in Title 38 of LRAPA's Rules and Regulations.

#### Process and Control Devices

5. Existing air contaminant sources at the facility consist of the following:
  - 5.a. Sandblasting and powder coating operation.

### EMISSIONS

6. The pollutant of concern associated with this source type is PM/PM<sub>10</sub> and VOC. The facility uses approximately 50 tons per year of sand and 2,400 pounds of powder coating per year. Estimated emissions are shown in the table below:

Device/Process	Pollutant	Annual Throughput	Emission Factor	Emissions lbs/yr
Sandblasting in shed with fabric covering	PM	100,000 lbs of sand	0.69 (lb PM/1,000 lbs Abrasive)*	69 PM
Powder Coating	VOC	2400 lbs of powder coating	assume 100% emitted	2,400 VOC

\* From AP-42, Table 13.2.6-1, Particulate Emission Factors for Abrasive Blasting.

#### MINIMAL PERMIT DETERMINATION

7. Lane Regional Air Pollution Authority (LRAPA) has determined that the facility qualifies as a minimal source for the following reasons:
  - 7.a. Emissions from this facility are estimated to be less than 5 tons per year of particulate matter and less than 10 tons per year for the criteria gaseous pollutants.

#### NESHAPS/MACT APPLICABILITY

8. There are no sources at this facility for which NESHAPS/MACT standards have been promulgated.

#### NSPS APPLICABILITY

9. There are no sources at this facility for which NSPS standards have been promulgated.

#### PUBLIC NOTICE

The draft permit was on public notice from December 17, 2004, to January 18, 2005. No written comments were received during the 30-day comment period.

MH/bp  
1/28/05