

Lane Regional Air Protection Agency
Minimal Source Air Contaminant Discharge Permit

REVIEW REPORT

Architectural Millwork Mfg. Co.

Permit No. 200026

PERMITTING

Permitting Action

1. This action is a renewal for an existing Regular Air Contaminant Discharge Permit (ACDP), which was issued on October 1, 1999, with an expiration date of September 30, 2004.

Other Permits

2. No other permits have been issued or are required by Lane Regional Air Protection Agency (LRAPA) for this facility.

Attainment Status

3. The facility is located in an attainment area for all pollutants except PM₁₀ (particulate matter less than 10 microns in size). The Eugene/Springfield Air Quality Management Area is a non-attainment area for PM₁₀.

SOURCE DESCRIPTION

Overview

4. The facility operates a wood trim and molding mill at 2125 Cross Street in Eugene. The facility controls PM (particulate matter)/PM₁₀ emissions by the use of two cyclones and two baghouses. 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. The facility operates 2,080 hours per year (8 hours per day, 5 days per week, 52 weeks per year).

Process and Control Devices

5. Existing air contaminant sources at the facility consist of the following:
 - a. Planing mill operation,
 - b. One (1) cyclone on truck bin with baghouse and
 - c. One (1) cyclone on truck bin with baghouse.

EMISSIONS

6. The pollutant of concern associated with this facility type is PM. Emissions of PM are estimated to be less than 1.0 tons per year. The other criteria pollutants are emitted at negligible levels. Emission calculation details are as follows:

Device/Process	Pollutant	Annual Throughput (bone dry tons)	Emission Factor (lb PM/BDT)*	Emissions (lbs/yr)
Cyclone w/ Baghouse	PM	305	0.1	30.5
	PM ₁₀	305	0.05	15.3

Device/Process	Pollutant	Annual Throughput (bone dry tons)	Emission Factor (lb PM/BDT)*	Emissions (lbs/yr)
Cyclone with Baghouse	PM	367	0.1	36.7
	PM ₁₀	367	0.05	18.4
TOTAL		672		PM = 67.2 lbs/year PM₁₀ = 33.7 lbs/year

* from DEQ General ACDP for Sawmills&Millwork.

MINIMAL PERMIT DETERMINATION

7. LRAPA has determined that the facility qualifies as a minimal source for the following reason:

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.

SPECIAL CONDITIONS

8. There are no special conditions specified in the permit.

NESHAPS/MACT APPLICABILITY

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

NSPS APPLICABILITY

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

PUBLIC NOTICE

11. The draft permit was on public notice from April 17, 2006 to May 16, 2006. No written comments were received during the 30-day comment period.

SLL/cmw
05/18/06