

Lane Regional Air Pollution Authority
Minimal Source Air Contaminant Discharge Permit

REVIEW REPORT

Pacific Coast Roasting Company

Permit No: 206441

PERMITTING

Permitting Action

1. The permit is a new Air Contaminant Discharge Permit (ACDP) for a new facility.

Other Permits

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

Attainment Status

3. The source 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 source operates a coffee roaster at 255 Wallis St. #4 in Eugene. The source controls PM (particulate matter)/PM₁₀ and Volatile Organic Compounds (VOC) emissions by the use of a thermal oxidizer off the roaster stack. Total annual production of finished product (roasted coffee) for the facility is approximately 36,000 pounds. Baseline Emissions were not set in the permit because the source is well below the Significant Emission Rates (SERs) as listed in Title 38 of LRAPA's Rules and Regulations. However, Baseline Emissions are considered to be "0" because the facility is a new facility constructed after 1977/1978. The facility typically operates several hours per day, several days per week.

Process and Control Devices

6. Existing air contaminant sources at the facility consist of the following:
1 Coffee Roaster.

EMISSIONS

7. The pollutants of concern associated with this source type are PM and VOC. Emission calculation details are as follows:

Device/Processes	Pollutant	Annual Throughput (lbs)	Emission Factor (lb/ton)*	Emissions (lbs/yr)
Coffee Roaster	PM	36,000	0.12	2.16
Coffee Roaster	VOC	36,000	0.047	1.0

- From AP-42, September 1995, Food and Agricultural Products, 9.13.2 Coffee Roasting, "Batch roaster with thermal oxidizer". Operation of coffee roaster at design capacity of 100 pounds per hour, operating 24 hours per day, 365 days per year would result in PM and VOC emissions at 53 pounds and 21 pounds per year.

MINIMAL PERMIT DETERMINATION

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

Emissions from this source 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.

PUBLIC NOTICE

New Issue

9. The draft permit was placed on public notice from January 18, 2000, to February 17, 2000. No written comments were received during the 30-day comment period.

JM/bp
2/28/00

[10/7/99]