

General
Air Contaminant Discharge Permit
Assessment Report

Clay Ceramics

SOURCE DESCRIPTION AND QUALIFICATION

1. This General permit is designed to regulate particulate matter and gaseous emissions from clay ceramic manufacturing.
2. The facilities assigned to this General permit have no other air pollution sources at the site which require regulation, or other pollution sources at the site also qualify for General permits. The facilities have not experienced recurring or serious compliance problems.

ASSESSMENT OF EMISSIONS

3. All of the facilities assigned to this General permit are sources hazardous air pollutants (HAPs), volatile organic compounds (VOC), and particulate matter (PM) emissions.
4. The Department has assessed the level of emissions of all air pollutants from these facilities and determined that facilities complying with the operational limits and monitoring requirement of this permit have emission levels below the established levels of concern stated in Tables 2 and 3 of OAR 340-200-0020.

SPECIFIC AIR PROGRAM APPLICABILITY

5. This permit incorporates the National Emission Standards for Hazardous Air Pollutants (NESHAP) regulations in 40 CFR 63, Subpart RRRRRR, Clay Ceramics Manufacturing. The NESHAP was adopted as a state rule in OAR 340-244-0510 in December 2008.
6. The NESHAP applies to each atomized glaze spray booth and each kiln that fires glazed ceramic ware at a clay ceramics manufacturing facility.

CONTROL REQUIREMENTS

7. Each facility that uses less than 250 tons per year of wet glazes must employ minimization practices or install control equipment such as water curtains or fabric filters.

- 8.** Each facility that uses 250 tons or more per year of wet glazes must install control equipment or use wet glazes that contain no more than 0.1% metal HAP by weight.
- 9.** The temperature in each firing kiln must maintain a peak temperature below 2800° F.
- 10.** Work practices include visual inspection of control equipment and monitoring of the kiln temperature(s).

COMPLIANCE ASSURANCE

- 11.** The permittee must record kiln temperatures, glaze usage, and results of the visual inspections of control equipment.
- 12.** A notification of applicability and compliance status is required for each new facility that began operation after September 20, 2007 upon start-up. Existing facilities have already submitted the notification.
- 13.** The permittee is required to submit an annual report to demonstrate compliance with work practice requirements.
- 14.** On-site inspections will be conducted by Department personnel to assure compliance with all permit limitations and requirements.

REVOCATION OF ASSIGNMENT

- 15.** 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

- 16.** General Air Contaminant Discharge Permits are incorporated into the Oregon Administrative Rules by reference and are part of the State Implementation Plan. As part of the rulemaking process, a public notice and comment period was offered. The permit was issued by the Environmental Quality Commission in December 2008 after public comments were addressed.