



Department of Environmental Quality  
Operations Division

## **GENERAL**

# **AIR CONTAMINANT DISCHARGE PERMIT**

## **ASSESSMENT REPORT**

### **BOILERS**

#### SOURCE DESCRIPTION AND QUALIFICATION

1. This General Permit is designed to regulate air contaminant emissions from oil or gas fired boilers that have individual heat input capacities greater than 10 and 30 million Btu per hour; respectively.
2. If there are other emission activities occurring at the facility besides those regulated by this permit, the facility may be required to obtain a Simple or Standard ACDP or General ACDP Attachment(s), as applicable.
3. Facilities eligible for assignment to this permit have not experienced recurring or serious compliance problems.

#### ASSESSMENT OF EMISSIONS

4. Facilities assigned to this General Permit are sources of PM, PM<sub>10</sub>, PM<sub>2.5</sub>, SO<sub>2</sub>, CO, NO<sub>x</sub>, VOC and HAP emissions. Some boilers burn only natural gas or only oil, and some boilers can burn either fuel. The type of fuel burned in the boiler affects the type and amount of emissions.
5. DEQ has assessed the level of emissions of all air pollutants from these facilities and determined that facilities complying with the operational limits and monitoring requirements 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

6. Facilities assigned to this General Permit are subject to the general visible emissions standards, nuisance requirements (control of fugitive dust and odors), particulate matter standards, and fuel sulfur limits in OAR Chapter 340, Divisions 208, 226, and 228. The permit contains requirements and limitations to ensure compliance with these standards.



7. Some of the boilers at facilities assigned to this General Permit may be subject to federal New Source Performance Standards for Small Industrial-Commercial-Institutional Steam Generating Units found in 40 CFR, Part 60, Subpart Dc. Facilities for which construction, modification, or reconstruction was commenced after June 9, 1989 are subject to these federal requirements, which include sulfur limits for fuel oil. The permit contains requirements and limitations to ensure compliance with these federal standards.
8. Some of the boilers assigned to this General Permit are subject to federal National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers found in 40 CFR, Part 63, Subpart JJJJJ. The federal standards apply to all new, reconstructed and existing industrial, commercial, and institutional boilers as listed in 40 CFR 63.11200 and defined in 40 CFR 63.11237, including but not limited to oil-fired boiler. The permit contains requirements and limitations to ensure compliance with these federal standards.

#### COMPLIANCE ASSURANCE

9. Permittees are required to maintain records of fuel use, upset conditions, and complaints received at the facility. These items are reported to DEQ annually.
10. DEQ staff members perform site inspections of the permitted facilities on a routine basis, and more frequently if complaints are received.

#### REVOCACTION OF ASSIGNMENT

11. 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

12. 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, the public will be provided at least 30 days to submit written comments or may provide oral testimony at a public hearing that will be held at the end of the comment period. Notice of when and where the hearing will be held will be provided at least 30 days in advance of the hearings. DEQ will review any comments and may modify the permits in response to the comments. The final permits will be issued after approval by Administrator of DEQ's Operation Division.