



Department of Environmental Quality
Air Quality Program

GENERAL
AIR CONTAMINANT DISCHARGE PERMIT
ASSESSMENT REPORT
CEREAL, FLOUR, PREPARED FEEDS

SOURCE DESCRIPTION AND QUALIFICATION

1. This General permit is designed to regulate the particulate matter and gaseous emissions from flour/grain milling, blending flour, cereal preparation, and/or the manufacture of animal feed and emissions from boilers that support these operations. Subject facilities are those located in designated Special Control Areas and processing 10,000 tons or more per year.
2. The facilities assigned to this General permit have no other air pollution sources which require regulation beyond that specified in this General Permit, or have other pollution sources that also qualify for General permits. The facilities have not experienced recurring or serious compliance problems.
3. Facilities with boilers that use a fuel other than natural gas or fuel oil do not qualify for this general permit.

ASSESSMENT OF EMISSIONS

4. All of the facilities assigned to this General permit are sources of PM and PM₁₀ emissions. Emission points may include the receiving and loading of materials by truck, rail or barge/ship, material conveyance, storage, cleaning, grinding (milling), heating, cooling, pelletizing, packaging and bulk off loading. Some facilities also operate boilers to produce heat necessary to the production processes, and these boilers emit gaseous pollutants. Gaseous pollutants emitted at the highest level from fuel combustion are NO_x and SO₂.
5. Potential nuisances originating from this type of operation could include fugitive dust associated with handling the grain. The permit includes requirements to minimize fugitive dust emissions.
6. 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 requirements of this permit have emission levels below the established levels of concern as stated in Tables 2 and 3 of OAR 340-200-0020.

SPECIFIC AIR PROGRAM APPLICABILITY

7. Facilities assigned to this General Permit are subject to the general visible emissions standards, nuisance requirements (control of fugitive dust and odors), 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. The particulate matter emission limits in OAR Chapter 340, Division 226 are not applicable to these facilities because the emissions are fugitives, which cannot be measured using standard test methods.
8. Some of the facilities assigned to this General permit have process points that are subject to federal New Source Performance Standards (NSPS) and/or National Emission Standards for Hazardous Air Pollutants (NESHAP). Within the NSPS category, some facilities may have boilers \geq 10,000,000 Btu/hour energy input and/or grain storage elevators subject to federal requirements. The applicable regulations are 40 CFR, Part 60, Subpart Dc (boilers) and 40 CFR, Part 60, Subpart DD (grain elevators). Within the NESHAP category, some facilities may use materials that contain chromium or manganese. The applicable regulations are 40 CFR, Part 63, Subpart DDDDDDD. The permit contains requirements and limitations to ensure compliance with these federal standards.

COMPLIANCE ASSURANCE

9. The permittees are required to maintain records of production, plant inspections, upset conditions, and complaints received at the facility. These items are reported to the Department annually. Facilities subject to federal NSPS and NESHAP regulations have additional record keeping, reporting, and monitoring requirements.
10. Department staff members perform site inspections of the permitted facilities on a routine basis, and more frequently if complaints are received.

REVOCAION 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. The Department will review any comments and may modify the permits in response to the comments. The final permits will be issued as orders signed by the DEQ air quality administrator.