



Department of Environmental Quality Operations Division

GENERAL AIR CONTAMINANT DISCHARGE PERMIT ASSESSMENT REPORT

HOT MIX ASPHALT PLANTS

SOURCE DESCRIPTION AND QUALIFICATION

1. This General Permit is designed to regulate air contaminant emissions from hot mix asphalt plants.
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, PM₁₀, PM_{2.5}, SO₂, CO, NO_x, VOC, HAP and GHG emissions. Some facilities are portable and may operate generators to produce the energy necessary for the production processes. Generators are also sources of these pollutants.
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 the definitions of Significant Emission Rates in 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. Facilities assigned to this General Permit are subject to Oregon Administrative Rule Chapter 340, Division 236, and Part 0400 through 0440, "Emission Standards for Specific Industries - **Hot Mix Asphalt Plants.**" The permit contains requirements and limitations to ensure compliance with these standards.

8. Most of the facilities assigned to this General Permit are subject to federal New Source Performance Standards for Hot Mix Asphalt Plants found in the Code of Federal Regulations, Title 40, Part 60, Subpart I. Facilities for which construction, modification, or reconstruction was commenced after June 11, 1973 are subject to these federal requirements. This federal rule is adopted by reference in OAR 340-238. The permit contains requirements and limitations to ensure compliance with these federal standards.

COMPLIANCE ASSURANCE

9. New or modified plants are required to demonstrate compliance with the permit's emissions limits by conducting a source test on stack gas emissions shortly after beginning operations. Existing plants are required to demonstrate compliance with the permit's emissions limits by conducting a source test on stack gas emissions at any time a source test is requested by DEQ but not less frequently than once every five years.
10. Dye tests are required for all plants using a baghouse or fabric filter to determine if there are any leaks in the bags or fabric filters. Dye tests must be performed at the beginning of the paving season or shortly after plant relocation.
11. Routine burner tune-ups are required for all plants to minimize combustion related emissions (NO_x and CO) in any year in which the plant produces 50,000 tons or more of asphalt, in the next operating year if a total plant production of 50,000 tons of asphalt is achieved since the last burner tuning, or within three years of the last burner tuning. Relocated plants are required to perform a tune-up shortly after relocation. Tuning has the added benefit of promoting plant fuel efficiency.
12. Permittees are required to monitor the differential pressure cross any baghouse, fabric filter or wet scrubber and the water pressure or flow rate for any scrubber used to comply with the emissions limits in the permit.
13. Permittees are required to maintain records of production, upset conditions, control device monitoring and complaints received at the facility. These items are reported to DEQ annually.
14. DEQ staff members perform site inspections of the permitted facilities on a routine basis and more frequently if complaints are received.

REVOCATION OF ASSIGNMENT

15. Any facility that DEQ finds to have ongoing, recurring, or serious compliance problems may have its assignment to the General Permit revoked. Upon permit revocation the facility would 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 issuance process the public will be provided at least 30 days to submit written comments on the conditions of this permit. Also, oral testimony may be provided at the 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 hearing. DEQ will review all comments received during the public notice process and may modify the permit if comments identify applicable regulatory requirements that were inadequately addressed. The final permits will be issued after approval by the Administrator of DEQ's Operations Division.

AQGP-007r, asphalt plants