



Olympic Region Clean Air Agency Fact Sheet for New Gas Station Regulations

Permit Information for New & Modified Gas Stations

Gasoline dispensing facilities are regulated as stationary sources of air pollution and are subject to federal, state, and local standards. New and modified gasoline dispensing facilities with a facility-wide gasoline storage capacity of 10,000 gallons or more in Clallam, Grays Harbor, Jefferson, Mason, Pacific and Thurston Counties require pre-approval by Olympic Region Clean Air Agency (ORCAA) through a Notice of Construction (NOC) application. Once approved through an NOC, an Approval Order is issued which establishes conditions to assure compliance with applicable air quality standards.

ORCAA recently took steps to amend regulations pertaining to gasoline dispensing facilities in our jurisdiction. The changes include:

- Implementing a notification system in lieu of an NOC for qualifying gas stations; and,
- Outlining requirements for existing and new gasoline dispensing facilities for proper operation, maintenance, testing, and recordkeeping.

What are the equipment requirements for new and modified gasoline dispensing facilities?

California Air Resources Board (CARB) certified Stage I Enhanced Vapor Recovery (EVR) is required for any new or upgraded gasoline storage tank with a storage capacity of 2,000 gallons or more at any facility with a cumulative, facility-wide gasoline storage capacity of 10,000 gallons or more. Upgrading

an existing gasoline dispensing facility includes replacing gasoline storage tanks or substantially altering the Stage I vapor recovery system.

What is the new notification system?

The notification system requires a Notice of Intent (NOI) in lieu of an NOC. Complete NOI must be submitted 15 days prior to commencing construction. To qualify for the NOI, all the following criteria must be met:

1. The proposed vapor recovery equipment must be in accordance with the current CARB Executive Orders at the time of filing the notification;
2. The gasoline dispensing facility cannot be part of a stationary source subject to the Air Operating Program¹;
3. The gasoline dispensing facility cannot be subject to any of the Stage II requirements in WAC 173-491-040(5); and,
4. The project cannot involve the removal of a Stage II vapor recovery system.

If you cannot meet the above criteria, the project will need to be reviewed through our Notice of Construction process.

Questions?

Engineering Department
Olympic Region Clean Air Agency
2940 Limited Lane NW
Olympia, WA 98502
1-800-422-5623 or (360) 539-7610

¹ The Air Operating program applies to sources which have a Potential to Emit (PTE) of 25 tons per year (tpy) of Hazardous Air Pollutants (HAP), 10 tpy of any single HAP, or 100 tpy of any single criteria pollutant.



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Operational and Ongoing Requirements

What are the new testing requirements?

Under the new regulations, all gasoline dispensing facilities with a facility-wide gasoline storage capacity of 10,000 gallons or more are required to conduct vapor recovery tests to ensure that the system is maintained and operating properly. However, the number of tests and the frequency at which they must be conducted varies between stations depending on several factors. A flowchart with instructions is included with this fact sheet to act as a guide for determining what the testing requirements are for each gasoline dispensing facility equipped with underground gasoline storage tanks. If you have questions, please talk to your preferred testing vendor or call ORCAA's office.

Are there other requirements?

Yes, the new regulations require all gasoline dispensing facilities regulated by ORCAA to conduct self-inspections at least once a week, or after each gasoline delivery (whichever is less frequent). At a minimum, the following needs to be checked:

- All adaptors are equipped with vapor tight caps;
- All fill and vapor recovery wells/boxes are free of liquid gasoline;
- All caps and gasoline storage tank fill pipes have gasketed seals; and,
- Vapor recovery adaptors on the storage tanks seal upon disconnect.

The dates and the results of the self-inspections need to be recorded. If any defective equipment is discovered, corrective action must be taken within 15 days to address the issue.

What records do I need to maintain on-site?

The following records need to be maintained on site for at least five years:

- Records of all maintenance and repair activities;
- Records of all self-inspections;
- Records of all testing; and,
- Monthly gasoline throughput.

Any Notice of Construction issued by ORCAA must be maintained on site until such time that it is superseded or cancelled by ORCAA. Records of all Notices of Intent submitted to ORCAA must be maintained on-site for as long as the equipment is in place.

Questions?

Compliance Department
Olympic Region Clean Air Agency
2940 Limited Lane NW
Olympia, WA 98502
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Use this worksheet as a guide for conducting gas station vapor recovery tests in ORCAA's jurisdiction (Clallam, Grays Harbor, Jefferson, Mason, Pacific, & Thurston Counties)

Step 1: Work through the flowchart (reverse side) to determine what baseline tests are required for Stage I vapor recovery systems associated with underground gasoline storage tanks.

Step 2: Determine if the station has a NOC with ORCAA (call/email our office if you are unsure). **All tests listed in a NOC must be performed in addition to baseline tests identified by this flowchart.** If a testing frequency required by a NOC does not match the frequency identified by this flowchart, the facility must follow the testing schedule that is the most stringent.

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