



Annual Oil Transfer Equipment Testing Class 4 Facilities

Spill Prevention, Preparedness, and Response



Introduction

Class 4 facilities are marinas or other small fueling facilities that transfer oil to non-recreational vessels with a total oil capacity of less than 10,500 gallons. Class 4s must pressure test oil transfer equipment annually. The test must be performed for the entire length of piping from the tank to the dispenser, including testing of pumps, valves, piping, manifolds, connections, and hoses. Class 4 testing requirements are the same whether the tanks are above ground or below ground.

The annual transfer equipment pressure testing requirement for Class 4s (WAC 173-180-205) is different than the testing requirement for Underground Storage Tanks (UST) in WAC 173-360A. The Class 4 testing requirement extends for the entire length of the system from the tank to the dispenser whereas the UST requirement tests specifically from the tank to the seawall.

Testing option 1: In accordance with manufacturers' recommendations and industrial standards

If using this method, Class 4s should provide:

- The manufacturer's recommendation and industry standard being used.
- Documentation that the test was completed for the entire length of the transfer system from the tank to the dispenser.

Testing option 2: Using procedures identified in 33 C.F.R. Part 156.170

If using this method, Class 4s should provide:

- Documentation that the test procedures in 33 CFR 156.170 were used. This includes a static liquid pressure test at least 1.5 times the maximum allowable working pressure.
- Documentation that the test was completed for the entire length of the transfer system, from the tank to the dispenser.

Testing option 3: Another standard approved by Ecology

Contact us if you plan to use another method to meet your annual testing requirement. Systems with continuous double wall piping from the tank to the dispenser, with leak detection sensors in each sump, meet our requirements, and do not need to be pressure tested annually. Systems with single wall piping or single wall tide loops do not meet the requirements and need to be tested.



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To request an ADA accommodation, contact Ecology by phone at 360-407-6831 or ecyadacoordinator@ecy.wa.gov, or visit <https://ecology.wa.gov/accessibility>. For Relay Service or TTY call 711 or 877-833-6341.