



OVERFILL PREVENTION EQUIPMENT FUNCTIONALITY TEST

North Dakota Department of Environmental Quality

Division of Waste Management – Underground Storage Tank Program

4201 Normandy St., 2nd Fl., Bismarck, ND 58503-1324

Telephone: 701-328-5166 ● Fax: 701-328-5200 ● Email: ndust@nd.gov

Website: <https://deq.nd.gov/wm>

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The underground storage tank rules require that an overfill device must be installed on all tanks that are filled by fuel transfers of more than 25 gallons at one time. The function of overfill prevention devices is to stop or restrict the flow of product into the tank or alert the transfer operator before the tank is filled to the top. There are three types of overfill protection devices:

1. Automatic shutoff devices (also known as drop tube shutoff devices or “flapper” valves);
2. Overfill alarms; and
3. Ball-float valves (also known as float-vent valves). Ball-float valves can no longer be used on new tank installations. Repair or replacement of existing ball-float valves is prohibited. A faulty ball-float valve must be replaced by an approved method of overfill prevention.

No later than April 1, 2021, you must test your overfill prevention equipment and perform follow-up testing at least once every three years to ensure it will function properly to prevent overfills. At a minimum, the inspection must ensure that overfill prevention equipment is set to activate at the correct level specified and will activate when regulated substances reach that level. A petroleum service contractor typically performs this test.