



<b>Fuels Safety Program</b>	Ref. No.: FS – 166 - 09	Rev. No.:
<b>ADVISORY</b>	Date: December 21, 2009	Date:

**Subject:** Inspections of Pressure Tests of Underground Fuel Oil Piping Systems  
**Sent to:** Posted on Web-Site and Distributed to Petroleum Council, LFHC RRG and Fuel Oil RRG

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Pressure testing of underground double wall piping are required to comply with the manufacturers certified installation instructions and section 6.11.6 and 8.3.2.3 of CSA-B139ON-06, Ontario Installation Code for Oil Burning Equipment. This includes the fill pipes, vent pipes, and supply and return piping.

Underground piping systems being installed with underground tanks are required to be inspected by TSSA prior to backfill and during pressure testing. As a minimum, pressure testing should include, but not be limited to, the use of properly calibrated pressure gauges (see section 8.3.2.3.5) with suitable increments and temperature measuring instruments. Both pressure and temperature should be recorded at the beginning of the test (after the temperature of the test medium has stabilized) and recorded at the end of the test. Both pressure and temperature shall correspond with each other. A test shall be considered passed when both temperature and pressure of the pipe(s) being tested increase, decrease or stay the same.

After final grading, the underground system shall be leak tested and a record of the leak test shall be recorded.

Please note that section 8.3.2.3.3 requires a minimum 2 hour pressure test. Where the certified installation instructions require a longer test, the certified installation instructions shall be followed.