



<b>Fuels Safety Program</b>	Ref. No.: FS – 169 -09	Rev. No.:
<b>ADVISORY</b>	Date: December 21, 2009	Date:

**Subject:** Ballasting of Fuel Oil Underground Tanks  
**Sent to:** Posted on Web-Site and Distributed to Petroleum Council, LFHC RRG and Fuel Oil RRG

---

---

The Fuel Oil Regulation, O.Reg. 213/01, prohibits a fuel supplier from supplying fuel to an underground tank if the underground tank is not registered with TSSA. This applies to underground tanks being installed and intended for use under the Fuel Oil Regulation.

A written request may be submitted along with the application to register the underground tank to TSSA for fuel to be supplied to the tank for ballasting purposes only. The following conditions would apply wherever fuel is used for ballasting purposes:

- In lieu of an installed and fully operational certified leak detection system, the vacuum for the interstitial space of the underground tank shall be maintained;
- *Brine system*
- The vacuum shall be checked on a daily basis to ensure there are no leaks, and records of this check shall be retained; and
- The supply line to the appliance shall be capped and labeled to prevent the fuel in the tank from being used until the tank is registered.

When ballast is put into the tank, the installer shall comply with the tank manufacturer's installation instructions and section 6.11.3.12 or 6.11.4.9 of CSA-B139ON-06.

#### **6.11.3.12**

If ballasting the underground steel tank is to be accomplished with petroleum product

(a) no product shall be placed in the tank until the fill pipe and permanent vent line have been installed in the tank and until all other openings have been plugged; and

(b) the level of the liquid in the tank shall not vary from the level of the backfill material surrounding the tank by more than 600 mm (24 in) to prevent uneven loading of the tank during installation.

#### **6.11.4.9**

If ballasting the underground fibreglass tank is to be accomplished with petroleum product,

(a) no product shall be placed in the tank until the fill pipe and permanent vent line have been installed in the tank and until all other openings have been plugged; and

(b) the level of the liquid in the tank shall not vary from the level of the backfill material surrounding the tank by more than 600 mm (24 in) to prevent uneven loading of the tank during installation.

For the purpose of ballasting a permanent vent line is considered to be a rigid pipe attached to the tank and equipped with an approved venting device to provide venting of the tank during installation.

The installation shall be subject to inspection.