



Fuels Safety Program	Ref. No.: FS – 258-21	Rev. No.:
ADVISORY	Date: October 18, 2021	Date:

Subject: **Approval of Underground Propane Tank Installations**
Sent to: Posted on Web-Site

As of February 8, 2021, CSA-B149.2-20, Propane Storage and Handling Code was adopted under Ontario Regulation 211/01 (Propane Storage and Handling). Clause 7.8.1 states that “A tank shall only be installed underground with the approval of the authority having jurisdiction.”

To obtain the approval from TSSA as the authority having jurisdiction, the applicant must submit a Variance/Approval application, the form can be downloaded from the web www.tssa.org. (See the link below)

<https://www.tssa.org/en/about-tssa/resources/Documents/Application-for-a-VarianceDeviation--April-2021.pdf>

The application shall include information demonstrating compliance with the requirements of Clause 7.8 of CSA-B149.2-20:

- Tank info – owner, capacity in USWG, CRN, Serial No. and year of manufacture
- Layout showing the distances from the property lines and buildings
- Sectional view showing the depth of cover and dome
- Details of corrosion protection
- GPS Coordinates of the tank location
- Other relevant info

The form that can be downloaded from the web www.tssa.org shall be used to submit the required details. (See the link below)

<https://www.tssa.org/en/about-tssa/resources/Propane-Underground-Tank-Submission-Summary.pdf>

When the application is received and accepted by Engineering, a site inspection will be required to be performed prior to backfilling (with the tank in situ). As a minimum, the items to be inspected will be as per the attached Inspection Checklist and can be downloaded from the web www.tssa.org. (See the link below)

<https://www.tssa.org/en/about-tssa/resources/Propane-Underground-Tank-Inspection-Checklist.pdf>

Once this inspection by TSSA is satisfactorily completed, the applicant can continue with the installation and commissioning of the tank.

Where required, follow up inspection and audit may be performed.