

Propane Storage Tanks Designed for 200 PSIG

The **Safety Codes Act**, through the **Pressure Equipment Safety Regulation** adopts NFPA 58 **Liquefied Petroleum Gas Code**.

NFPA 58 allows propane storage tanks that were designed for 200 psig in accordance with paragraphs U68 or U69 of the 1949 (or earlier) edition of the ASME Code to be operated with a pressure relief valve set at 250 psig.

The **Safety Codes Act**, through the **Gas Code Regulation AR 111/2010**, adopts the **CSA-B149.2 Propane Storage and Handling Code**. Under Clause 7.1.1 of that code it states the following:

A **tank** shall have a maximum allowable working pressure (MAWP) of not less than 250 psig (1750 kPa) and shall be in accordance with CSA Standard B51 and the applicable provincial or territorial regulation covering unfired pressure vessels.

The continued operation of the tanks described in the first paragraph is not a problem provided that they are maintained properly, have the required fittings and are not relocated. **While Alberta will not accept 200 psig tanks that are being rejected in other provinces**, 200 psig tanks with a history of safe operation in Alberta would be allowed to remain in service. **These tanks are stamped with an identification number, generally known as an “A-number”**. The format of the “A-number” is a capital A within a circle followed by numerals. Some older vessels are stamped with an “AL-number” of similar format.

All other applications of LPG tanks rated for an MAWP of less than 250 psig (1750 kPa) are considered unacceptable.

If propane suppliers are concerned about the status of a particular tank or tanks registration, they could contact the Alberta Municipal Affairs, Safety Services office, visit the Web site, www.municipalaffairs.alberta.ca/cp_index.cfm, the local Alberta Boilers Safety Association (ABSA) office or visit ABSA Web site, <http://www.absa.ca/> for further information.

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Issue of this STANDATA is authorized by
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