



Highway Tanks and Portable Tanks For Propane and Liquefied Petroleum Gases (LPG) Transport Under CSA Standard B622-98

The CSA standard B622-98 entitled “Selection and Use of Highway Tanks, Multi-unit Tank Car Tanks and Portable Tanks for the Transportation of Dangerous Goods, Class 2” will be brought into effect by the Clear Language amendments to the Transportation of Dangerous Goods (TDG) Regulations and will include the following important changes:

- large containers (tanks) used for the transport of propane and LPG by road will have to meet TC 331, TC 51, TC 106A or TC 110A specifications or the equivalent CTC, DOT or MC specifications prescribed in CSA B622-98;
- large containers (tanks) not certified to one of the specifications prescribed in CSA B622-98 will no longer be permitted in propane or LPG service when Clear Language Regulations become mandatory; and
- storage tanks will not be authorized by Transport Canada for transportation if they contain propane or LPG in an amount greater than 5% of the tank capacity.

Can a non-specification highway tank/portable tank be certified to meet the specification requirements?

It may be possible to certify a tank to a specification prescribed in CSA B622-98 if the tank is a certified pressure vessel and the original design of the tank meets the requirements of the TC 331 or TC51 specification, and

- the tank is certified by the original manufacturer; or
- if the original manufacturer is no longer in business,
 - the manufacturer’s data reports or other manufacturing information is available; and
 - the certification is done by another TC 331 or TC 51 tank manufacturer registered with Transport Canada.

The manufacturing requirements for TC 331 and TC 51 tanks used for propane and LPG are detailed in CSA standard B620-98 entitled “Highway Tanks and Portable Tanks for the Transportation of Dangerous Goods”. The selection and use requirements for highway and portable tanks are detailed in CSA B622-98. These standards may be purchased from the Canadian Standards Association, 1-800-463-6727.

If you need more information, please contact Kevin Green, Senior Specialist, Tanks at (613) 998-5270.