

EXECUTIVE SUMMARY – TDG AMENDMENT 7

Although Amendment 6 is not yet in force, Transport Canada has published Amendment 7 in Canada Gazette II.

Amendment 7 deals with 3 CSA (Canadian Standards Association) standards – B620, B621 and B622. These standards pertain to highway tanks, portable tanks, cargo compartments, multi-unit tank car tanks and containers. There have been some editorial changes and many minor changes to these standards, which were updated in February 2006.

Some of the changes to CSA-B620, *Highway Tanks and Portable Tanks for the Transport of Dangerous Goods*:

- ❖ clarifies welding procedure and welder qualification requirements
- ❖ clarifies identification plate markings
- ❖ clarifies vacuum loaded TC412 tanks to be certified as pressure vessels
- ❖ clarifies allowable stiffener configurations – concern regarding trapping moist air which has led to tank failure in the U.S.
- ❖ provides a method to determine “Hose Assembly Working Pressure (HAWP)” if the hose is not marked
- ❖ clarifies re-test frequency for ammonia nurse tanks (based on seasonal use)

Changes to CSA-B621, *Selection and Use of Highway Tanks, Portable Tanks, Cargo Compartments, and Containers for the Transportation of Dangerous Goods, Classes 3, 4, 5, 6.1, 8, and 9*:

- ❖ new Special Requirement 23 is a grandfather provision for non-spec tanks for UN1999, TARS, LIQUID until January 1, 2016 provided that the tank was built before January 1, 2007.
- ❖ clarifies requirements for U.S. 49CFR specification tanks operating in Canada
- ❖ removes requirements for ton containers as these are in CAN/CGSB 43.147-2005.

Changes to CSA-B622, *Selection and Use of Highway Tanks, Multi-unit Tank Car Tanks, and Portable Tanks for the Transportation of Dangerous Goods, Class 2*:

- ❖ new retro-fit requirements for non-specification ammonia delivery tanks by 2012
- ❖ Specific Requirement 54 will require existing highway tanks to be brought into compliance with:
 - securement
 - rear-end protection
 - discharge control devices
 - excess flow protection
- ❖ Specific Requirement 73 will require existing portable tanks for agricultural purposes to be brought into compliance by:
 - rear-end protection
 - securement
 - excess flow protection, and
 - manual shut-off.

Part 5, Means of Containment:

- ❖ for hoses used to handle aircraft fuel – no longer required to meet CSA B836-00, *Storage, Handling and Dispensing of Aviation Fuels at Aerodromes*. Also, highway tanks that only operate on airport property for aircraft fuel do not require an internal inspection, but the five (5) year pressure test will continue to apply.
- ❖ an application for registration will not require the submission of a quality control manual.

For further information, see Canada Gazette II: <http://canadagazette.gc.ca/partII/2007/20070822/html/sor179-e.html#top> or contact Mr. Kim O’Grady, Chief, Evaluation Division, TDG Directorate, Ottawa at ogradyk@tc.gc.ca.