

September 30, 2014

STANDARDS BULLETIN 2014-23

Third Edition CAN/ULC-S615-14

STANDARD FOR FIBRE REINFORCED PLASTIC UNDERGROUND TANKS FOR FLAMMABLE AND COMBUSTIBLE LIQUIDS

ULC Standards is pleased to announce the publication of the Third Edition of CAN/ULC-S615-14, Standard for Fibre Reinforced Plastic Underground Tanks for Flammable and Combustible Liquids. This National Standard of Canada was developed through the sponsorship of the Standards Council of Canada. It was approved by the ULC Standards Committee on Stationary Nonmetallic Storage Containers for Flammable and Combustible Liquids, and is published under the date of October 2014.

This Standard sets forth minimum design and construction requirements for fibre reinforced plastic non-pressure tanks that are used for the underground storage of flammable and combustible liquids, such as petroleum products, oxygenated fuel blends, oxygenates and other flammable and combustible liquids that can be demonstrated to be compatible with the reinforced plastic underground tank materials. It covers single wall, double wall or multiple wall construction of tanks that are fabricated, inspected and tested for leakage and structural strength prior to shipment from the factory as completely assembled vessels. The primary tanks covered under this Standard may have single compartment or have multiple compartments with total combined capacities of up to 250 000 L.

The changes in this new Edition CAN/ULC-S615 from the 1998 Edition include:


- Enhanced requirements for multiple wall tanks and multi-compartment tanks;
- New requirements for monitorable bulkheads;
- New requirement for gaskets to be compatible with the stored product;
- Better flexibility in design options for lifting method;
- Revisions to corrosion protection of metallic parts;
- New options for leakage, tank integrity and hydrostatic pressure tests;
- New and improved immersion test fluids;
- Improved marking requirements with English and French text for safety warnings; and
- More performance based, and less prescriptive requirements.

CAN/ULC-S615 is currently referenced in the National Fire Code of Canada and many other Codes and Regulations.

You can obtain the Standard by downloading the pdf at no charge from our website at www.ulc.ca. A hard copy can be purchased for CAD\$ 210.00 from the same site and by selecting the links to *ULC Standards* and *Sales of ULC Standards Materials*.

Should you require additional information, please contact Tess Espejo at (416) 288.2212 or by email at address: Theresa.Espejo@ul.com

Yours truly,
ULC Standards



G. Rae Dulmage
Director, Standards Department