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Fourth Edition CAN/ULC-S603-14

STANDARD FOR STEEL UNDERGROUND TANKS FOR FLAMMABLE AND COMBUSTIBLE LIQUIDS

ULC Standards is pleased to announce the publication of the Fourth Edition of CAN/ULC-S603, Standard for Steel 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 Committee on Stationary Steel Storage Containers for Flammable and Combustible Liquids, and is published under the date of October 2014.

This Standard sets forth minimum requirements for single wall and double wall cylindrical non-pressure tanks that are used for the underground storage of flammable liquids and combustible liquids that are compatible with the material of construction. This Standard covers double wall tanks with provision for leak detection monitoring of the interstice between the walls, as well as integral connections (connection rings/collars) for spill containment sumps or manway risers. It covers tanks that are fabricated, inspected and tested for leakage prior to shipment from the factory as completely assembled vessels. The primary tanks covered under this Standard may have a single compartment or have multiple compartments with total combined capacities of up to 250 000 L.

The changes in this new Edition CAN/ULC-S603 from the 2000 Edition include:

- Additional means to verify conformance (tabulated fixed shell thickness values, a method to calculate the values, or by testing);
- New requirements for monitorable bulkheads;
- New requirement for gaskets to be compatible with the stored product;
- Better flexibility in design options for lifting methods;
- Clarification of the differing requirements for manway risers and spill containment sumps;
- Improved marking requirements with English and French text for safety warnings; and
- More performance based, and less prescriptive requirements.

CAN/ULC-S603 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\$ 300.00 from the same site and by selecting the links to *ULC Standards* and *Sales of ULC Standards Materials*.

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Yours truly,

ULC Standards



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