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### Fourth Edition CAN/ULC-S601-07

#### STANDARD FOR SHOP FABRICATED STEEL ABOVEGROUND TANKS FOR FLAMMABLE AND COMBUSTIBLE LIQUIDS

ULC is pleased to announce the publication of the Fourth Edition CAN/ULC-S601-07, Standard for Shop Fabricated Steel Aboveground Tanks for Flammable and Combustible Liquids. This Standard has been approved by the ULC Committee on Stationary Steel Storage Containers for Flammable and Combustible Liquids, and has been published under the date of December 2007.

This National Standard of Canada sets forth minimum requirements for steel, non-pressure tanks that are used for the aboveground storage of flammable and combustible liquids such as gasoline, fuel oil, or similar products with a relative density not greater than 1.0. The tanks are fabricated, inspected and tested for leakage before shipment from the factory and are for use in stationary installations, not intended for the transportation of fuel nor are they intended to be transported while containing fuel.

This Standard covers the construction of single wall tank and tanks with secondary containment. It also covers aboveground steel, rectangular, non-pressure workbench tanks for the combined use as a working surface and storage of lubricating oils having capacities up to and including 2500 L, as well as aboveground steel, rectangular, non-pressure, generator-base tanks incorporated into the support structure of diesel engine generators and used for the storage of the generator's fuel supply.

This Standard also covers utility tanks designed to allow for relocation as required by their intended service. These tanks are for installation at locations such as farms, construction sites, demolition sites, exploration sites, forestry operations and similar locations. This Standard does not cover wind loading or seismic loading of tanks. However, Guidelines for the Maximum Structural Limitations for Vertical Tanks (A2) are included in Appendix A.

This edition of the Standard consolidates the requirements of, and supersedes, ULC-S630-00, Shop Fabricated Steel Aboveground Vertical Tanks for Flammable and Combustible Liquids, ULC-S643-00, Shop Fabricated Steel Aboveground Utility Tanks for Flammable and Combustible Liquids and intends to supersede ULC/ORD-C142.18-95, Rectangular Steel Aboveground Tanks for Flammable and Combustible Liquids, and ULC/ORD-C142.22-95, Contained Vertical Steel Aboveground Tank Assemblies for Flammable and Combustible Liquids. It also integrates requirements for the integral contained tank from CAN/ULC-S653-06, Aboveground Steel Contained Tank Assemblies for Flammable and Combustible Liquids.

This edition of the Standard includes major structural and editorial revisions as well as some technical changes resulting from the amalgamation and harmonization of the requirements. These include the elimination of the restriction for the nominal capacity of the secondary containment, welding qualification, alternative requirements for thicknesses, diameters, venting, proof of design test and marking.

If you require any additional information, please contact Tess Hofileña at (416) 757-5250 Ext. 61212 or at email address: [Theresa.Hofilena@ca.ul.com](mailto:Theresa.Hofilena@ca.ul.com). This standard can be ordered for CAN \$300.00 from the ULC website ([www.ulc.ca](http://www.ulc.ca)) ULC online store.

Yours truly,

UNDERWRITERS' LABORATORIES OF CANADA

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