CAN/ULC 652:2024

Standard for Tank Assemblies for the Collection, Storage and Removal of Used Oil

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Standard For Tank Assemblies For The Collection, Storage And Removal Of Used Oil, CAN/ULC 652

Third Edition, Dated February 1, 2016

Summary of Topics

This revision of CAN/ULC 652 dated May 10, 2024 includes editorial changes as well as changes to the following sections: Section 2, 2.1, 2.2, 4.1.1, and 4.1.5

Text that has been changed in any manner or impacted by ULSE's electronic publishing system is marked with a vertical line in the margin.

The revised requirements are substantially in accordance with Proposal(s) on this subject dated September 1, 2023 and March 1, 2024.

PLEASE NOTE THAT CERTAIN CODES MAY REFER TO A SUPERSEDED VERSION OF THIS STANDARD. IN THOSE INSTANCES, THE RELEVANT VERSIONS ARE AVAILABLE FOR PURCHASE.

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Standard for Tank Assemblies for the Collection, Storage and Removal of Used Oil

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This list represents the membership at the time the Committee balloted on the final text of this edition. Since that time, changes in the membership may have occurred.

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PREFACE

This is the Third Edition of the Standard for Tank Assemblies for the Collection, Storage and Removal of Used Oil, CAN/ULC 652.

This Edition of the Standard has been formally approved by the ULC Standards Committee on Stationary Steel Storage Containers for Flammable and Combustible Liquids.

This Standard has been developed in compliance with the requirements of Standards Council of Canada (SCC) for accreditation of a Standards Development Organization.

Only metric SI units of measurement are used in this Standard. If a value for measurement is followed by a value in other units in parentheses, the second value may be approximate. The first stated value is the requirement.

Appendix A, identified as Normative, forms a mandatory part of this Standard.

Appendices B and C, identified as Informative, are for guidance and information purposes only.

In Canada, there are two official languages, English and French. All safety warnings must be in French and English. Attention is drawn to the possibility that some Canadian authorities may require additional markings and/or installation instructions to be in both official languages.

This Third Edition National Standard of Canada is based on, and now supersedes, the Second Edition.

Attention is drawn to the possibility that some of the elements of this Canadian standard may be the subject of patent rights. ULC Standards shall not be held responsible for identifying any or all such patent rights.

Requests for interpretation of this Standard should be sent to ULC Standards. The requests should be worded in such a manner as to permit a “yes” or “no” answer based on the literal text of the requirement concerned.

This CAN/ULC 652 Standard is under continuous maintenance, whereby each revision is approved in compliance with the requirements of SCC for accreditation of a Standards Development Organization. In the event that no revisions are issued for a period of four years from the date of publication, action to revise, reaffirm, or withdraw the standard shall be initiated.

Comments or proposals for revisions on any part of the Standard may be submitted at any time. Proposals should be submitted via a Proposal Request in the Collaborative Standards Development System (CSDS) at https://csds.ul.com.

This Standard is intended to be used for conformity assessment.

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1 SCOPE

1.1 This Standard sets forth the minimum requirements for the adaptation of tanks or tank assemblies for the collection, storage and removal of *used oil*.

1.2 The stationary installation and use of *used oil* tank assemblies, may be covered by the requirements of the *authority having jurisdiction* and may include by reference, but not limited to the following:

A National Fire Code of Canada, Part 4;

B CSA B139, Installation code for oil-burning equipment; and

C CCME PN 1326, Environmental Code of Practice for Aboveground and Underground Storage Tank Systems Containing Petroleum and Allied Petroleum Products.

1.3 Standards for the tanks or tank assemblies covered by this Standard are identified in Section 4, Construction. As a result of revisions to those Standards published in 2019, in addition to traditional safety requirements for tanks that primarily evaluate functional operation, structural integrity, and mitigate fire & environmental hazards from loss of liquid containment under expected normal conditions; optional construction and/or performance requirements, and associated ratings, intended to address more severe conditions associated with the effects of Climate Change are now specified in an optional Climate Change Adaptation Appendix in each of those Standards.

2 REFERENCE PUBLICATIONS

2.1 Any undated reference to a code or standard appearing in the requirements of this Standard shall be interpreted as referring to the latest edition of that code or standard.

2.2 The following publications are referenced in this Standard:

CCME PN 1326, *Environmental Code of Practice for Aboveground and Underground Storage Tank Systems Containing Petroleum and Allied Petroleum Products*

CSA B139, *Installation code for oil-burning equipment*

CSA C22.2 No. 0.15, *Adhesive labels*

National Fire Code of Canada

ULC-S601, *Shop Fabricated Steel Aboveground Tanks for Flammable and Combustible Liquids*

ULC-S602, *Aboveground Steel Tanks for Fuel Oil and Lubricating Oil*

ULC-S603, *Steel Underground Tanks for Flammable and Combustible Liquids*

ULC-S603.1, *External Corrosion Protection Systems for Steel Underground Tanks for Flammable and Combustible Liquids*

ULC-S653, *Aboveground Horizontal Steel Contained Tank Assemblies for Flammable and Combustible Liquids*

ULC 655, *Aboveground Protected Tank Assemblies for Flammable and Combustible Liquids*

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ULC-S670, *Aboveground Nonmetallic Tanks for Fuel Oil and Other Combustible Liquids*

ULC 677, *Fire Tested Aboveground Tank Assemblies for Flammable and Combustible Liquids*

UL 969, *Marking and Labeling Systems*

UL/ULC 1316:2018 (R2019), *Fibre Reinforced Underground Tanks for Flammable and Combustible Liquids*

UL/ULC 2583:2021, *Fuel Tank Accessories for Flammable and Combustible Liquids*

3 GLOSSARY

NOTE: Terms used in this Standard that are in *italic* print are defined as follows:

3.1 *AUTHORITY HAVING JURISDICTION* – The governmental body responsible for the enforcement of any part of this Standard or the official agency designated by that body to exercise such a function.

3.2 *NON-PRESSURE TANK(S)* – A tank that is normally vented to atmosphere and is not intended to accommodate operating pressures at the top of the tank greater than 7 kPa (gauge) nor internal vacuum greater than 300 Pa (gauge).

3.3 *USED OIL* – Previously used petroleum based oil and includes but is not restricted to, lubricating oil, crank-case oil, gear oil, transmission fluid, and hydraulic fluid. It differs from waste oil in that it does not include hazardous waste.

NOTE: Waste oil contaminants include significant quantities of gasoline, solvents, antifreeze, and fresh or salt water.

4 CONSTRUCTION

4.1 GENERAL

4.1.1 This Standard covers *non-pressure tanks* constructed in accordance with the requirements of one or more of the following Standards, as applicable:

A ULC-S601.1, Standard for Shop Fabricated Steel Aboveground Tanks for Flammable and Combustible Liquids;

B ULC-S602, Standard for Aboveground Steel Tanks for Fuel Oil and Lubricating Oil;

C ULC-S603, Standard for Steel Underground Tanks for Flammable and Combustible Liquids;

D ULC-S603.1, Standard for External Corrosion Protection Systems for Steel Underground Tanks for Flammable and Combustible Liquids;

E UL/ULC 1316, Standard for Fibre Reinforced Underground Tanks for Flammable and Combustible Liquids;

F ULC 653, Standard for Aboveground Horizontal Steel Contained Tank Assemblies for Flammable and Combustible Liquids;

G ULC 655, Standard for Aboveground Protected Tank Assemblies for Flammable and Combustible Liquids;

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