

**CAN/ULC-S602:2014-AMD1
(Including Amendment 1)**

**STANDARD FOR ABOVEGROUND STEEL TANKS FOR FUEL
OIL AND LUBRICATING OIL**

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CETTE NORME NATIONALE DU CANADA EST DISPONIBLE EN VERSIONS FRANÇAISE ET ANGLAISE

STANDARD FOR ABOVEGROUND STEEL TANKS FOR FUEL OIL AND
LUBRICATING OIL

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AMENDMENT NOTICE

ULC STANDARDS

STANDARD FOR ABOVEGROUND STEEL TANKS FOR FUEL OIL AND LUBRICATING OIL	CAN/ULC-S602:2014-AMD1
AMENDMENT 1	DECEMBER 2015

The following amendments are being incorporated into CAN/ULC-S602:2014-AMD1:

1. Added a new item G in Clause 9.3 under Section 9, Marking.
2. Editorial corrections were made to Clauses 3.5, 5.1.4, and 6.1.5.

NOTICE

PLEASE NOTE THAT THIS STANDARD INCLUDES AMENDMENT(S). THE CURRENT EDITION OF THIS STANDARD IS NOT VALID UNLESS USED TOGETHER WITH THE AMENDMENT(S).

IT IS POSSIBLE, HOWEVER, THAT CERTAIN CODES WILL REFER TO THE SUPERSEDED EDITION OF THIS STANDARD, WITHOUT THE AMENDMENT(S). IN THOSE INSTANCES, THE COMPILATION OF THIS DOCUMENT ALLOWS FOR REFERENCE TO BE MADE TO THE STANDARD PRIOR TO THE INCLUSION OF THE AMENDMENT(S).

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9 MARKING

9.3 In addition, each tank shall be clearly and permanently marked with letters at least 2 mm in height with the following information:

- A CONSULT AUTHORITIES HAVING JURISDICTION BEFORE INSTALLING THE TANK;
- B MAXIMUM LEG HEIGHT OF 300 mm;
- C When tanks are equipped with bottom outlets, the tank shall be pitched longitudinally towards the drain at least 10 mm per 500 mm to prevent water collection in the tank;
- D A warning label stating that all unused openings shall be fitted with liquid tight metal closures before putting the tank in service;
- E Where the tank has an *open secondary containment*,

“FOR INSIDE APPLICATION ONLY”;

- F The monitoring port in a *double bottom tank* shall include a marking to read:

“MONITORING PORT – FOLLOW MONITORING INSTRUCTIONS”; and

- G “Do Not Transfer Oil from Old Tank Into This Tank”; and

<< Ne pas transférer d'huile de l'ancien réservoir dans ce réservoir >>.

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STANDARD FOR ABOVEGROUND STEEL TANKS FOR FUEL OIL AND LUBRICATING OIL

PREFACE

This is the Sixth Edition of the Standard for Aboveground Steel Tanks for Fuel Oil and Lubricating Oil, CAN/ULC-S602.

This Edition of the Standard was developed by the ULC Standards Task Group on Fuel Oil Tanks and has been formally approved by the ULC Standards Committee on Stationary Steel Storage Containers for Flammable and Combustible Liquids.

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.

Appendices A, 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 fact that some Canadian authorities may require markings and/or installation instructions to be in both official languages.

This Sixth Edition National Standard of Canada is based on, and now supersedes the Fifth 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.

The review and action to revise or reaffirm this Standard will not exceed 5 years from the date of publication, unless the Standard is identified as fitting within a stabilized category, whereby the review will commence within the appropriate time frame set out by ULC Standards.

This Standard is intended to be used for conformity assessment.

1 SCOPE

1.1 This Standard covers the design and construction of aboveground steel *non-pressure tanks* intended for installation inside or outside buildings and for the storage of:

- A *Combustible liquid* intended to be used as heating *fuel* and/or generator *fuel*; and
- B *Lubricating oil*.

NOTE 1: These tanks may also be used for the storage of *used oil* as a heating and/or generator *fuel*. For tanks intended for the collection of *used oil*, refer to CAN/ULC-S652, Standard for Tank Assemblies for the Collection, Storage and Removal of Used Oil, .

NOTE 2: For *generator-base tanks* and *workbench tanks*, refer to CAN/ULC-S601, Standard for Shop-Fabricated Steel Aboveground Tanks for Flammable and Combustible Liquids.

1.2 This Standard covers single wall tanks, tanks with *secondary containment* (of double wall and *open* or *closed secondary containment*) and *double bottom tanks*.

1.3 This Standard covers tanks having a maximum capacity of 2500 L.

1.4 This Standard covers tanks fabricated, inspected and tested for leakage before shipment from the factory.

1.5 This Standard covers the design and construction of tanks for use in stationary installations. These tanks are not designed for the transportation of *fuel*.

1.6 The installation of such tanks shall be in accordance with, but not limited to, any of the following documents:

- A National Fire Code of Canada, Part 4;
- B CAN/CSA-B139, Installation Code for oil burning equipment;
- C CCME Environmental Code of Practice for Aboveground and Underground Storage Tank Systems Containing Petroleum and Allied Petroleum Products; and
- D Regulations of the appropriate *authority having jurisdiction*.

2 REFERENCE PUBLICATION

The documents shown below are referenced in the text of this Standard. Unless otherwise stated elsewhere in this Standard, such reference shall be considered to indicate the edition and/or revisions of the document available at the date on which the Technical Committee approved this ULC Standard. All undated references shall be interpreted as referring to the latest edition of that document.

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