

**CAN/ULC-S669-14
(Including Erratum 1)**

**STANDARD FOR INTERNAL RETROFIT SYSTEMS FOR
UNDERGROUND TANKS FOR FLAMMABLE AND
COMBUSTIBLE LIQUIDS**

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

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ERRATUM NOTICE

ULC STANDARDS

STANDARD FOR INTERNAL RETROFIT SYSTEMS FOR UNDERGROUND TANKS FOR FLAMMABLE AND COMBUSTIBLE LIQUIDS	CAN/ULC-S669-14
ERRATUM 1	JULY 2017

The following errata are being incorporated into CAN/ULC-S669-14:

1. Removed Clause 1.10
2. Revised Clause 4.2.1
3. Revised Clause 5.1.2.4
4. Revised Clause 5.1.4.5
5. Revised Table 3

NOTICE

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

IT IS POSSIBLE, HOWEVER, THAT CERTAIN CODES WILL REFER TO THE SUPERSEDED EDITION OF THIS STANDARD, WITHOUT THE ERRATUM(S).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



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1.10 ~~This Standard does not cover external corrosion protection systems for steel underground tanks, which are found in CAN/ULC-S603.1, Standard for External Corrosion Protection Systems for Steel Underground Tanks for Flammable and Combustible Liquids.~~

4.2.1 *Lining systems* are permitted to be installed only in double wall or *multiple-wall* steel or FRP *host tanks*, but shall only provide ~~only~~ primary containment of stored *flammable* or *combustible liquids*.

5.1.2.4 If new or *repaired* fittings are allowed by the system, worst case sizes of the range shall be ~~included~~ installed in the test tank, in accordance with the requirement of the *host tank* Standard as described in Clause 4.1.1. These Fittings not installed in this manner shall also be subject to Subsection 5.2.2, Pipe Torque and Bending Tests.

5.1.4.5 If temperature variations during the test time may skew the results, it shall be permitted to compensate for changes in ~~adjust~~ the pressure or vacuum by using the Ideal Gas Law, $PV = nRT$, based on the tank interior start and end primary or interstitial temperatures.

TABLE 3 – PART B: SPECIAL USE FUELS MARKED FOR RATINGS		
	<u>Combustible Liquids per Clause 5.3.3.3</u>	<u>Flammable Liquids per Clause 5.3.3.3</u>
<u>Heated Fuel</u>	<u>Fuel Oil #6 @ manufacturer's rated temperature +10 °C</u>	
<u>Ethanol</u>		<u>E100a @ 40 ±2 °C</u>
<u>Biodiesel</u>	<u>B100a @ 40 ±2 °C</u>	
<u>Methanol</u>		<u>MeOH @ 40 ±2 °C</u>

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