

## Standard Information

**Standard Number:** UL 142

**Standard Name:** Steel Aboveground Tanks for Flammable and Combustible Liquids

**Standard Edition and Issue Date:** 9<sup>th</sup> Edition Dated December 28, 2006

**Date of Revision:** July 19, 2013

**Date of Previous Revision of Standard:** 9<sup>th</sup> Edition Revised February 12, 2010

## Effective Date of New/Revised Requirements

**Effective Date:** July 19, 2018

## Impact, Overview, Fees and Action Required

**Impact Statement:** A review of all Listing Reports is necessary to determine which products comply with new/revised requirements and which products will require re-evaluation. **NOTE:** Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.

**Overview of Changes:** The changes with respect to the previous revision include the addition of requirements for Certified tank products with bottom sumps and/or mounting brackets. Specific details of new/revised requirements are found in table below.

**If the applicable requirements noted in the table are not described in your report(s), these requirements will need to be confirmed as met and added to your report(s) such as markings, instructions, test results, etc. (as required).**

### Client Action Required:

**Information** – To assist our Engineer with review of your Listing Reports, please submit technical information in response to the new/revised paragraphs noted in the attached or explain why these new/revised requirements do not apply to your product (s).

***Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.***



# Standards Update Notice (SUN)

Issued: April 12, 2017

## Description of New/Revised Technical Requirements

Clause	Verdict	Comment
--	--	These requirements are new, so a review of currently Certified tank products with bottom sumps is necessary, resulting in construction revisions & revised drawings for designs that don't comply. Affected manufacturers will need to comply with the new requirements by July 19, 2017.
38	Info	<b>Sumps</b>
		<i>New clause added;</i>
38.2		As an option, sumps with a maximum 24 inch (60.96 cm) diameter and maximum 12 inches (30.4 cm) depth shall be permitted in primary and/or secondary tanks along the bottom center line. The thickness of the sump material shall, at a minimum, be the same thickness of the tank shell or bottom, depending on the location of the sump and the type/orientation of the tank.
		<i>New clause added;</i>
38.3		All internal welds are to be full seal welds.
		<i>New clause added;</i>
38.4		Sump welds shall be a minimum 6 inches (15.2 cm) from a head or bulkhead weld.
		<i>New section added;</i>
38A		<b>Minor Tank Accessories</b>
38A.1		If provided, minor accessories intended for factory assembly or field installation to the tank shall comply with the requirements in 38A.2.
38A.2		Mounting brackets for small equipment shall not exceed 4.0 sq ft (single side projected area), and shall be constructed of at least 0.093 inch thick steel. Mounting brackets greater than 4.0 ft <sup>2</sup> shall comply with the Static Load Test in paragraph 36.3. The brackets and supporting structure shall be welded to the tank, or provided with bolted connections that are welded to the tank.
		<b>CUSTOMERS PLEASE NOTE:</b> This Table and column "Verdict" can be used in determining how your current or future production is or will be in compliance with new/revised requirements.