



What's New

TANK 2016, Service Pack 1
(Version 8.00.01.0000)

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This document details the technical changes and revisions included in TANK 2016, SP1 (Version 8.00.01.0000).

Revisions in TANK 2016, SP1

The following list details the revisions made to TANK Version (8.00.01.0000).

[TANK 2016 SP1 \(Version 8.00.01.0000\)](#)

Graphics

- Fixed a units conversion error when changing units from **ENGLISH** to **MM** or **SI** that resulted in nozzles on a tank roof displaying as floating above the roof.

Calculations

- Fixed an issue in which the software was unable to calculate results for certain seismic analysis calculations for API 650 tanks. Previously, **NaN** (not a number) displayed as the result for certain calculations on the **Seismic Analysis Results** report. The issue has been resolved and the software now calculates and displays numeric results for all seismic analysis calculations.
- Fixed an issue in which the software incorrectly used the un-corroded thickness value of the shell course in the hoop stress calculations. The software now uses the corroded thickness value to calculate the **Total Combined Hoop Stress per E.6.1.4-6** and the **Hoop Stress** values in the **Hoop Stress versus Allowable Stress** section of the **Seismic Analysis Results** report.

Output Reports

- Fixed an issue in which the unit labels for the **Rafter Details from Tank Center** on the **Roof Evaluation/Design & Appendix F** report did not reflect metric units.
- Fixed an issue in which the software displayed no warning when the walls of a tank did not meet the minimum thickness requirements of API 620. The software now displays a warning on the **Internal Pressure Calculations** report when tank walls do not meet API 620 minimum thickness requirements.