



## 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.