

## Marketing Sales Release

### **Software Release Version 9B**

### **TLS-450PLUS and TLS4 Series Consoles**

#### **1.0 Purpose**

This Marketing Sales Release (MSR) announces the release of version and 9B software for TLS450PLUS and TLS4 Series consoles.

#### **2.0 Description and Overview**

The Veeder-Root strategy is to provide software releases on a regular cadence to furnish additional functionality, inclusion of customer requests, security updates and other enhancements in a timely manner. The following information outlines the modifications in this release.

#### **3.0 Features and Benefits**

##### ***a. Display Tank Safe Working Capacity***

- i. In the TLS-4xx platform, with HRM software enabled, the user can now access a report that will display the safe working capacity of the tank.
  - The full tank volume is the volume listed by the manufacturer. It is a user entered field when the TLS is initially setup.
  - The maximum volume limit is an adjustable value that the user can set. The value is used to detect if the working capacity is deemed too close to the full volume. It's also used to reduce the working capacity if the volumes are too close.

##### ***b. Secondary Containment Vacuum Sensing System (SCVS)***

- i. The Secondary Containment Vacuum Sensing System (SCVS) for the TLS-450PLUS is now available. The SCVS detects leaks in double-walled tanks and piping systems helping to contain a release of product under vacuum. The system consists of:
  - Vacuum Sensors, connected to tank, sump and piping interstices
  - A Submersible Turbine Pump (STP), to provide a source of vacuum
  - A Smart Sensor Interface with Embedded Pressure Module.
- ii. The Vacuum Sensor is interfaced to a TLS-450PLUS via intrinsically safe wiring to provide system status, replenish rate, alarm and diagnostic information.
- iii. Vacuum Sensor Kits are available in a variety of models:
  - For monitoring double-walled piping and sump interstices
  - For monitoring double-walled steel tank interstices
  - For double-walled fiberglass tanks.

- iv. National Work Group and LG113 listings are in progress.
- c. Release also includes additional minor bug fixes

## 4.0 Release Schedule

Veeder-Root recommends TLS450PLUS and TLS4 Series customers keep their console software upgraded to the latest version.

Version 9B consoles started shipping July 11, 2019

The TLS-450PLUS and TLS4 Series software upgrades can be downloaded directly from the veeder.com site by following this link:

<https://www.veeder.com/us/automatic-tank-gauge-software-download>

Software upgrades can also be ordered on a USB Flash drive at no charge for a limited time by ordering the software kit part number 330020-744

As a best practice when upgrading software, Veeder-Root recommends verifying that the Universal Sensor Module (USM) and Input/Output Module (IOM) are operating with the latest firmware version. Instructions for a USM or IOM firmware update can be found in *Continuing Education Bulletin 2015-08B, Firmware Upgrade*.

## 5.0 Documentation

Manual information can be obtained from our technical document library by following this link:

<https://www.veeder.com/us/technical-document-library>

## 6.0 Further Information

For questions and customer assistance, please contact technical support at 1-800-323-1799.