

Modifications Highlights for VR-201 and VR-202 Revision L

- Legal Language
 - Legal language has been updated to reflect latest revision level, VR-201-L and VR-202-L.
 - Added language and Exhibit 12 “Statement of Facts” revoking INCON software versions 1.0.0 and 1.1.0 for use on multi-hose dispensers, VR-202-L.
 - Added reference to liquid trap compliance test (LCT) procedures, Exhibits 9 and 11 of VR-201 and VR-202 respectively.
- Exhibit 1
 - Added certified LCT components, Part 2 of Exhibit 1.
 - VR-202-L has been updated to include INCON ISD software revision change to 1.2.0. In addition, removed footnote # 1 on page 28.
- Exhibit 2
 - Added an Exception to the “Vapor Recovery Piping Configurations” section to clarify use of a LCT.
 - Added a Liquid Condensate Trap (LCT) section identifying specifications for LCT leak integrity, LCT liquid level alarm, LCT automatic evacuation, and requirement for the LCT capacity tag to be installed and maintained per IOM.
 - VR-202-L, deleted text on page 28 that requires 1.0.0 and 1.1.0 to be installed on only Uni-hose dispensers. Since software version 1.2.0 is applicable for uni-hose and multi-hose dispensers, This text has been deleted:

INCON/TS-VRM software Versions 1.0.0 and 1.1.0 are approved for and shall be used or installed only with uni-hose dispensers.
 - Added “ or TS-DTU Module” to the vapor pressure sensor section on page 29. Updated manual revision levels on page 29 and 30, and updated Figure 2B-15 on page 31 to reflect the updated software version on the LCD and ISD print out report.
- Exhibit 9
 - New Liquid Condensate Trap Compliance Test Procedure, VR-201.
- Exhibit 10
 - VR-202-L, deleted text on page 1 that requires 1.0.0 and 1.1.0 to be installed on only Uni-hose dispensers. This text has been deleted:

INCON/TS-VRM software Versions 1.0.0 and 1.1.0 are approved for and shall be used or installed only with uni-hose dispensers.

- Change image on page 4, Step 4 to reflect the updated software.
- Exhibit 11
 - New Liquid Condensate Trap Compliance Test Procedure, VR-202.
- Exhibit 12
 - Added Statement of Fact for revoking INCON software version 1.0.0 and 1.1.0 for use on multi-hose dispensers under Executive Orders VR-202-E through VR-202-I.
- The Installation, Operation and Maintenance (IOM) Manual
 - New liquid condensate trap section.
 - INCON Installation, Operation, and Maintenance Manual
 - IOM has been updated to reflect the updated software version 1.2.0 changes by removing footnote on page 6, not needed anymore;
 - Add text on page 7 under “AC Input Module” that “In VRM version 1.2.0, the use of dispenser AC Hooks is not required.”
 - On page 7 under “Relay” section replace text “value of 2 amps” on the 3rd line with *“current listed on the module”* because the ISD system offers a 2 amp and 10 amp version, and replace “2 amps, then the 10A Relay Module...” On line 4 with *“the rated current, including startup current, an external power relay will need to be used and it's coil controlled by the Relay Module.”*;
 - On page 7, Alarms section change VRM to Console;
 - On page 10, under Dispenser Hook Signal section added new text “ Note: Dispenser hook signal are required on installations prior to VRM Version 1.2.0.” ;
 - On page 10, under “Dispenser Power Control replaced text *“through the Relay Module. Run the Dispenser Power into the Common and out of the Normally Closed contact of each required Relay Module channel.”* With *“controlled by the Relay Module. Run the coil of the dispenser power relay through a channel of the Relay Module.”* And replace text *“The Relay Module is rated for 2A of continuous current. If the dispenser options created a need for more than 2A, then the 10A Relay Module”* with *“The 10A Relay Module is rated for 10 amps of continuous current. If the dispenser power including startup current exceeds 10 amps then an external high powered relay”*;

- On page 13, removed text “INCON / TS-VRM software Versions 1.0.0 and 1.1.0 are approved for and shall be used or installed only with uni-hose dispensers”, not needed anymore;
- On page 15, added new set up parameters, “Hour Assessment, Week Day Assessment, and Multihose Dispenser Site YES/NO.”;
- On page 17, section removed “**Current Status:** The current status shows what state the fueling point is in with respect to the VRM. One of the four symbols will be displayed for each fueling point and is based on the previous day’s result.” And replaced with:

"Daily Status: The daily status shows the last completed daily assessment for each fueling point/hose. One of four symbol will be displayed for each fueling point/hose.

Weekly Status: The weekly status shows the last completed weekly assessment for reach fueling point/hose."

Figure 4 on page 17 was updated to reflect new Weekly Status column;

- Replace screenshot on pages 21 and 25 with current view;
 - On page 27, added status to the daily averages; and
 - Added new pages # 29 -31, Diagnostic for pressure and transaction log files and instruction on how to download files.
- Header and footer updates on all exhibits and IOM to reflect new revision level of the executive orders, VR-201-L and VR-202-L.