

Veeder-Root In-Station Diagnostic Collection Warning/Failure Alarms

To: Dispensing Systems Distribution and Certified Techs

As a result of studying reports of Veeder-Root In-Station Diagnostic (ISD) Gross Collection Warning/Failure Alarms with our Healy Phase II EVR system, Franklin Fueling Systems (FFS) recently released troubleshooting bulletin TB1108-02. Further to that study, FFS has also been studying Veeder-Root ISD Degradation Collection Warning/Failure Alarms.

Veeder-Root ISD Degradation Collection Warning/Failure Alarms occur when the weekly non-ORVR transactions average is below a 0.81 or above a 1.32 vapor to liquid (V/L) ratio range. Veeder-Root ISD Degradation Collection Warning Alarms are posted after one weekly average is outside the V/L range. Veeder-Root ISD evaluates Degradation Collection on a seven-day rolling calendar. If no action is taken to correct a Degradation Collection issue, the Veeder-Root ISD will post Degradation Collection Warning Alarms on day 7 through day 13 and then post the shutdown Degradation Collection Failure Alarm on day 14.

From the study of Veeder-Root ISD Degradation Collection Warning/Failure Alarms, FFS has found that many of these Veeder-Root ISD Degradation Collection Warning/Failure Alarms can be resolved by performing one or more of the following:

- Visual inspection of the hanging hardware:
 - Replace any damaged or worn face seals
 - Repair or replace any misaligned face seals
 - Replace any damaged or torn boots
 - Tighten any loose boot clamps
 - Replace any damaged or loose spouts
- Verify nozzle tightness (EO VR-202 Exhibit 7 Bag Test):
 - Replace any nozzle that collapses the bag
- Verify dispenser tightness (EO VR-202 A/B Sheet - side B, step 3):
 - Repair any leaks until test passes
- Verify VP1000 operation (EO VR-202 A/B Sheet - side B, step 5 & 6):
 - Repair system until tests pass for all fueling points
- Verify vapor to liquid ratios (EO VR-202 Exhibit 5 V/L Test):
 - Adjust nozzle as necessary (certified 0.95 – 1.15)
 - Compare readings to ISD (operability +/- 0.15)
 - Verify flow rates (certified 6 - 10 gpm)

For any questions regarding this bulletin, or the documents referenced herein, please contact Franklin Fueling Systems Technical Support at 1-800-984-6266.

Regards,



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