Tech Talk

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ISD Troubleshooting on the TLS-450

Back to Basics – ISD Alarm Troubleshooting

With the Veeder-Root TLS-450 upgrade going in across California, some of the troubleshooting serial codes will no longer work.

Remember these tips when troubleshooting:

- Always check **ALL** hanging hardware on the dispenser when troubleshooting a Flow Collect Alarm on balance systems. It's possible for leaks on either side can cause Warnings/Alarms in a fueling position.

- Always check the Leak Rate calculated by the ISD. If you are troubleshooting a Flow Collect warning with a significant leak rate on the site, the site vapor leak could be the culprit. Don't automatically assume it is the hose or nozzle. I **HIGHLY** recommend removing the hanging hardware and leak test the full assemblies on both sides.

- Vapor flow meter movement is still a great way to check for dispenser/hanging hardware leaks, that functionality still exists in the TLS-450.

- Don't overlook the P/V vent on Vapor leak warning. P/V Valves are common leak points. I recommend testing/isolating P/V, when possible, to confirm P/V status.

- Use higher pressure decays to locate hard to find leaks.

- The new VST EVR P/V can be isolated and tested in place. Use the VST testing tool, VST-TIP-200, with the tank isolation nut to isolate the P/V for easy testing.