



The ! Voice



VST Mission

To design and manufacture innovative products for retail refueling systems that are specifically engineered to protect the environment and consumers with safety and reliability.



VST Values

R: Respect
Employees,
Customers, Vendors,
and Environment

O: Operational
Excellence, Quality,
Delivery, Safety &
Cost

I: Innovative Passion,
Unique, Industry
Leader, and
Committed to
Excellence



VST Vision

VST strives to become the most trusted company in the global gasoline dispensing industry by manufacturing environmentally sustainable products and solutions that reduce harmful vapor emissions to create a future that protects the communities in which people live and work every day.

ISD Flow Collect Response Procedure

Doug Harty, Senior Applications Engineer { harty@vsthose.com }



Flow Collect Alarms for Balance EVR systems are often false alarms caused by a pattern of vehicle fuelings that are atypical, such as only ORVR cars on one fueling point. The fueling point, with only ORVR cars, could trigger an ISD FLOW COLLECT WARNING.

As a matter of common practice, most stations automatically dispatch a contractor for all FLOW COLLECT WARNINGS, sometimes as emergency calls. But did you know that you can perhaps avoid a costly emergency call?

First off, know that if your hanging hardware is undamaged, the warning will likely clear itself without a service call. A quick check of the equipment can give you a good idea if it will clear on its own. Look for liquid in the hose or evidence of meter creep. Either of these would indicate an equipment defect meaning the equipment must be repaired. However, if equipment looks fine, leave it in service.

If the FLOW COLLECT FAIL posts on the TLS the next day, bag off/padlock the fueling position, and call your contractor. The site will shut down at the assessment time, but it can be quickly re-enabled as described below. The site can continue to operate, and the service contractor can make repairs during regular hours. You should see most alarms go away the next day, saving you a service call.





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Balance Flow Collect Response Procedure

IMPORTANT: Set assessment time on the TLS-350 for a time during business hours, at off-peak fueling hours, where appropriate staff are present to respond.

ISD Flow Collect Response Procedure - Quick Reference Card

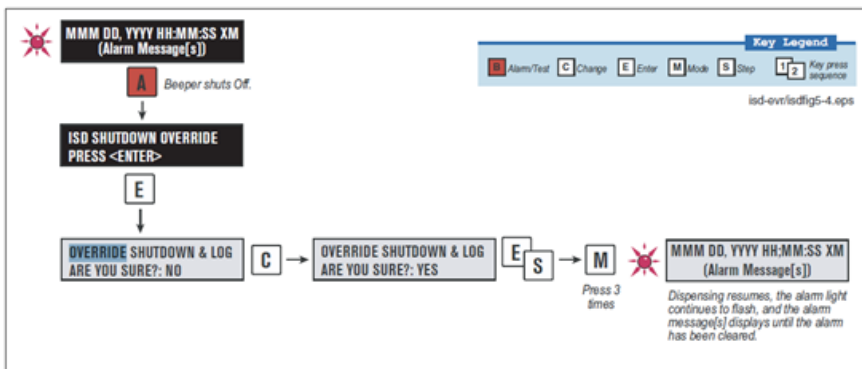
- TLS-350 goes into H:X FLOW COLLECT WARN
- Inspect affected hose and nozzle and look for damage. If visible damage found, make repairs/replace component or place out of service and call service technician.
- CHECK FOR METER CREEP. Authorize pump, take nozzle out of boot, and select grade. Make sure the meter stays at 0.000 for about a minute. Hang up the nozzle when done.
- CHECK FOR HOSE LIQUID. **DO NOT AUTHORIZE PUMP** - Drain the hose by engaging the nozzle interlock and squeezing the trigger, while dispenser is off, into a gas-safe container. Look for liquid coming from the boot/front end, not the spout. If no liquid is found and the meter creep test passes, leave nozzle in service. If liquid is found, call service technician.
- If TLS-350 goes to FLOW COLLECT FAIL the next day, bag off/ padlock nozzle and call your contractor. Press Red button on TLS-350 and OVERRIDE site shutdown as shown on the graphic below:

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Affected fueling position must not be used until repairs are made

