



**Vapor Systems Technologies, Inc.**

News and Notes for  
the Fuel Dispensing  
Industry Professional

# The Voice

*Volume 1*

*June, 2014*

Hello and welcome to the first edition of ***The VST Voice!***

We've created this quarterly newsletter as a means of staying in close communication with those who install, service, and maintain VST equipment in the field.

The purpose of *The VST Voice* is to share what we've learned in the field to keep you abreast of the latest information that impacts your day-to-day work with your customers.

Doug Harty, our Senior Applications Engineer, will be a regular contributor to this newsletter in his column called "**Tech Talk**," where he offers up hints, tips, and ideas for trouble shooting and servicing the VST equipment. He is located in Modesto, California and is regularly on the beat working with and training contractors and gasoline station owners throughout the state. His practical, hands-on experience will provide you with a wealth of solid tips that he's learned in the field, working just as you are in the day-to-day world of gasoline dispensing.

Another regular feature will be "**VST Training**," written by yours truly, Susie McLaughlin. I am the manager of Training & Contractor Certifications, working from our Corporate Headquarters in Springboro, Ohio. I am also the Editor for *The VST Voice*. My entire professional career has been in the field of corporate training, technical writing, and technical presenting. Hopefully, those last 30 years will lend to an excellent training experience for you.

"**New Products**" will be a regular feature written to provide excellent insight to VST's new and emerging products and technologies so that you will have the knowledge to help your customers make sound equipment purchases for their stations.

And lastly, we welcome your ideas and suggestions. Have you learned something you want to share? Do you know something that would help your fellow colleagues? You'll find my contact information at the bottom of this newsletter, so I'll be standing by for your good information.

I leave you now to partake in the rest of the newsletter. Until next time,

Susie McLaughlin, Editor  
*The VST Voice*

## Tech Talk

By Doug Harty / [harty@vsthose.com](mailto:harty@vsthose.com)

Did you know you can **quickly locate dispenser leaks** on Balance ISD Systems using your laptop and ISD Setup Tool or other terminal program?

If you go to a site for scheduled A/Q testing or just to respond to an ISD Alarm, the Flow-meter Leak Check can save you a lot of time. Use your laptop to connect to the TLS-350 and use the IV8700 command. Wait for at least 20 seconds and run IV8700 again. Look for any changes in the meter values. Any change between the first and second reading indicates a leak. You can then focus your search for leaks at a specific dispenser, rather than spraying each hose and using your hydrocarbon detector.

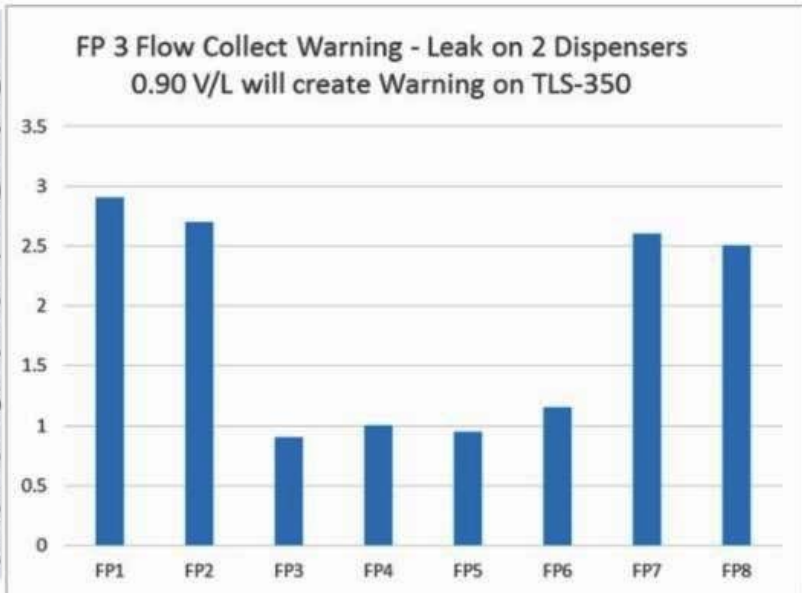
|                              |               |              |                          |              |
|------------------------------|---------------|--------------|--------------------------|--------------|
| <b>IV8700</b>                |               |              |                          |              |
| 02-21-14 10:29               |               |              |                          |              |
| <b>AIR FLOW METER TOTALS</b> |               |              |                          |              |
| <b>DATE-TIME</b>             | <b>VOLUME</b> |              |                          |              |
|                              | <b>AFM 1</b>  | <b>AFM 2</b> | <b>AFM 3</b>             | <b>AFM 4</b> |
| 14-02-21 10:28:40            | 484094.192    | 274361.565   | 384870.265               | 241287.395   |
| <br>                         |               |              |                          |              |
| <b>IV8700</b>                |               |              |                          |              |
| 02-21-14 10:29               |               |              |                          |              |
| <b>AIR FLOW METER TOTALS</b> |               |              |                          |              |
| <b>DATE-TIME</b>             | <b>VOLUME</b> |              |                          |              |
|                              | <b>AFM 1</b>  | <b>AFM 2</b> | <b>AFM 3</b>             | <b>AFM 4</b> |
| 14-02-21 10:29:40            | 484094.192    | 274368.467   | 384870.265               | 241287.985   |
| <br>                         |               |              |                          |              |
| <b>FP 3-4 LARGE LEAK</b>     |               |              | <b>FP 7-8 SMALL LEAK</b> |              |

## Tech Talk, continued...

**Did you know that a Flow Collect Warning can be caused by a leak at a completely different dispenser than where the warning occurred?**

Vapor leaks at other dispensers can cause the site to have a higher than normal V/L readings and flag fueling points that are working normally. Balance Collection Warnings are caused by a fueling point being less than 50% of the site average. Leaks at other fueling points will drive the site average up and cause collection warnings at fueling points that are working normally. If all tests on the FP that is in warning pass, look at the rest of the site to find the problem. Use the IV8700 command to help perform a quicker Pressure-Decay Test. You can use the existing vacuum in the UST to do a quick check instead of using up your nitrogen.

| Fueling Point  | V/L     |
|----------------|---------|
| FP1            | 2.9     |
| FP2            | 2.7     |
| FP3            | 0.9     |
| FP4            | 1       |
| FP5            | 0.95    |
| FP6            | 1.15    |
| FP7            | 2.6     |
| FP8            | 2.5     |
| Site Average   | 1.8375  |
| Fail Threshold | 0.91875 |



## VST Training

By Susie McLaughlin / [mclaughlin@vsthose.com](mailto:mclaughlin@vsthose.com)

### Level A - NEW REQUIREMENTS

- With the release of Executive Orders VR-203P and VR-204P comes a new requirement for all VST contractors holding a Level A certification.
- **All are required to re-take the Level A training to make their certifications current.**
- The good news is that the training is online, it's self-paced, you generate your own certification, and there's no charge!
- Just go to and click the VST Education icon. There are easy-to-follow instructions for getting started. [Click here for VST Education](#)

### Level B/C Extensions

- The process for B/C extensions remains mostly the same. You are still eligible for a B/C extension; however, you must first take the Level A training online.

### Level B/C Training – Upcoming Live Classroom Training

- VST is pleased to announce two upcoming Level B/C training classes:

|                  |   |
|------------------|---|
|                  | <b>Wednesday, July 30, 2014</b>   |
| <b>Location:</b> | Petroleum Marketing Equipment (PME)<br>2190 Enterprise Blvd.<br>West Sacramento, CA 95691 |

|                  |  |
|------------------|--|
|                  | <b>Wednesday, Aug. 06, 2014</b>  |
| <b>Location:</b> | Northwest Pump (NWP)<br>1271 N. Patt St. Bldg. 25<br>Anaheim, CA 92801 |

|                                | Level B  | Level C   |
|--------------------------------|--|---|
| <b>Component</b>               | <ul style="list-style-type: none"> <li>• ECS Membrane Processor</li> </ul>   | <ul style="list-style-type: none"> <li>• Hanging Hardware</li> <li>• ECS Membrane Processor</li> </ul>  |
| <b>Authorized Tasks</b>        | <ul style="list-style-type: none"> <li>• Installation</li> </ul>   | <ul style="list-style-type: none"> <li>• Installation</li> <li>• Functional Testing</li> <li>• Start-Up</li> <li>• Troubleshooting</li> <li>• Maintenance &amp; Repair</li> </ul> |
| <b>Training Pre-Requisites</b> | <ul style="list-style-type: none"> <li>• VST Level A</li> <li>• Veeder-Root Installer Certification<sup>1</sup> or ATG Technician Certification<sup>2</sup> or VR Vapor Products Certification<sup>3</sup>.</li> </ul> | <ul style="list-style-type: none"> <li>• VST Level A/B</li> <li>• Veeder-Root Vapor Products certification<sup>3</sup></li> </ul>   |

Level B/C Training – Upcoming Live Classroom Training, continued

| July 30 & Aug 6 Class Times & Cost |   |                   |
|------------------------------------|---|-------------------|
| <b>Time:</b>                       | Level B   | 8am – 10:30am     |
|                                    | Level C   | 10:30am – 12:30pm |
| <b>Cost:</b>                       | Level B   | \$175.00          |
|                                    | Level C   | \$175.00          |
| <b>How to Register:</b>            | <ul style="list-style-type: none"> <li>• Complete 1 registration form per student</li> <li>• With the registration form, include the appropriate pre-requisite paperwork</li> <li>• Send payment (in the form of a check), the registration form(s), and prerequisite paperwork to:               <ul style="list-style-type: none"> <li>○ Rachel Curry<br/>VST<br/>650 Pleasant Valley Dr.<br/>Springboro, OH 45066</li> </ul> </li> </ul> |                   |
| <b>Questions?</b>                  | <ul style="list-style-type: none"> <li>• If you have questions or need more information, call:               <ul style="list-style-type: none"> <li>○ Susie McLaughlin<br/>PH: 937-704-9333<br/><a href="mailto:mclaughlin@vsthose.com">mclaughlin@vsthose.com</a></li> </ul> </li> </ul>   |                   |

## REGISTRATION FORM

### VST EVR Technician Training: Level B & Level C

|               |   |                              |  |
|---------------|---|------------------------------|--|
| <b>When:</b>  | Wednesday, July 30, 2014  | <b>Time:</b>                 | Level B: 8am - 10:30am<br>Level C: 10:30am – 12:30pm |
| <b>Where:</b> | Petroleum Marketing Equipment (PME)<br>2190 Enterprise Blvd.<br>West Sacramento, CA 95691 | <b>Registration Cut-off:</b> | Wednesday, July 23, 2014<br>5pm EST                  |

### Student's Company Information

|                        |                       |                     |
|------------------------|-----------------------|---------------------|
| <b>Company Name:</b>   |                       |                     |
| <b>Company Street:</b> |                       |                     |
| <b>Company City:</b>   | <b>Company State:</b> | <b>Company Zip:</b> |
| <b>Company Phone:</b>  | <b>Company Fax:</b>   |                     |

### Student's Information

|                            |                        |
|----------------------------|------------------------|
| <b>Last:</b>               | <b>First:</b>          |
| <b>Student Cell Phone:</b> | <b>Student E-Mail:</b> |

### Training Courses

| LEVEL                            | COST     | PRE-REQUISITES  |
|----------------------------------|----------|---|
| <input type="checkbox"/> Level B | \$175.00 | <ul style="list-style-type: none"> <li>• VST Level A -plus-</li> <li>• Veeder-Root Installer Cert -or- ATG Tech. Cert -or- Vapor Products Cert</li> </ul> |
| <input type="checkbox"/> Level C | \$175.00 | <ul style="list-style-type: none"> <li>• VST Level A/B -plus-</li> <li>• Veeder Root Vapor Products Cert</li> </ul>                                       |

### Registration Instructions

1. Fill out one registration form per student. If you are registering multiple techs, you may bundle all the registrations into one check.
2. Check the box to indicate the desired training.
3. Mail payment in the form of a check to: Rachel Curry \* VST \* 650 Pleasant Valley Dr. \* Springboro, OH 45066
  - Payment must be received by 5pm EST \* Wednesday, July 23, 2014
4. Be sure to include all pre-requisite paperwork with this registration form and payment
5. Direct all registration questions to: Susie McLaughlin \* [mclaughlin@vsthose.com](mailto:mclaughlin@vsthose.com) \* 937-704-9333

## REGISTRATION FORM

### VST EVR Technician Training: Level B & Level C

|  |   |
|--|---|
| <b>When:</b> Wednesday, August 6, 2014   | <b>Time:</b> Level B: 8am - 10:30am<br>Level C: 10:30am – 12:30pm |
| <b>Where:</b> Northwest Pump (NWP)<br>1271 N. Patt St. Bldg. 25<br>Anaheim, CA 92801 | <b>Registration Cut-off:</b> Wednesday, July 30, 2014<br>5pm EST  |

### Student's Company Information

|                        |                       |                     |
|------------------------|-----------------------|---------------------|
| <b>Company Name:</b>   |                       |                     |
| <b>Company Street:</b> |                       |                     |
| <b>Company City:</b>   | <b>Company State:</b> | <b>Company Zip:</b> |
| <b>Company Phone:</b>  | <b>Company Fax:</b>   |                     |

### Student's Information

|                            |                        |
|----------------------------|------------------------|
| <b>Last:</b>               | <b>First:</b>          |
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### Training Courses

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|----------------------------------|----------|---|
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# New VST Products

By Scott Bennett / [bennett@vsthose.com](mailto:bennett@vsthose.com)

## VST Zero Upgrade Plus

- Do you have GDF customers that are tired of the on-going maintenance and testing expense of Assist systems? Have ISD Alarms become a deterrent to the operation of the station? Is it time to switch to a proven system that has the "Lowest Cost of Ownership"?
- The VST ZERO PLUS upgrade program reduces ISD alarms, maintenance, and testing expenses allowing the GDF to focus on their customers. And there's no need to purchase new dispensers: the program is targeted for GDF's who are retrofitting by using existing dispensers, VST hanging hardware, and the Veeder-Root Flow meter in one package.
- As a bonus VST offers a core credit for the obsolete flow meter and nozzle, giving up to \$350 rebate per dispenser or \$1,750 for 5-dispenser location.  
**THE CHECK IS ISSUED DIRECTLY TO THE GDF!**
- Contact VST or your local VST Distributor for more details.