



A Newsletter from the CIC Service Department

Planning for Success!

A planned upgrade of 15-25 year old Gas Detection Systems will increase safety and reliability, reduce maintenance and down time, and ensure production efficiency well into the future!

Although the lifetime of an older analyzer system may span 15-25 years, and we are committed to responsibly supporting all installed equipment for as long as it can, there are significant gains to be made now by establishing a clear upgrade path.

Initiating replacement of an older system can then proceed at whatever pace is found to be suitable. At a minimum, close consideration of upgrading gives confidence that there will be no time lost when the older systems begin to reach end-of-life.

If you would like to schedule a service visit for routine maintenance and to determine what condition your analyzers are in, please contact Maria Nichols at 973.575.9114, or visit www.controlinstruments.com/forms/service-request

Be Prepared – Have Spares

Effective parts management can be one of the most important ways to maximize productivity at minimal costs. Having critical spare parts “on-the-shelf” ready for use in the case of an emergency will eliminate the risk of downtime caused by long-lead items.

For a list of critical spares for your analyzers, contact Steve Menta, our Service Manager at smenta@controlinstruments.com – provide us with your analyzer Serial Number(s) and we can provide you with a Recommended Spare Parts List.

Off-The-Shelf Program

In the event that your monitoring system needs emergency repair, our field service people are committed to providing you with the best customer service available. Control Instruments is now offering a program that will allow you to get 24-hour turnaround on a PreVEx Flammability Analyzer or SNR650 FID.

This will minimize downtime of non-working analyzers, including FFA/FTAs or 441 FIDs & since the analyzers use existing utilities it can



easily tie in to existing installations.

So, if your process is down, no need to worry, you can get up and running in a quicker time than it may take a technician to get through security at the airport. Just ask about our “off-the-shelf” analyzer! For more information, call Steve Menta our Service Manager at ext 136.

TELL CIC ABOUT YOUR ANALYZER(S)

Participate in our analyzer registration program to receive periodic maintenance recommendations, product bulletins and service ideas for keeping your analyzers running effectively and efficiently. As an added bonus you will receive a Control Instruments’ hat, flashlight and pen!

To register your product visit: www.controlinstruments.com/forms/product-registration

Preventative Maintenance Service Contracts

Preventative Maintenance is a proactive approach to maintaining proper analyzer functioning. Such a resource will ensure that the operations of such critical devices are maintained at peak performance, on a regular and continual basis.

In addition, by providing scheduled preventative maintenance, all plant personnel and production is optimized so that downtime is greatly minimized. Emergency repairs and unplanned downtime become greatly reduced. Our Certified Field Service Technicians will be able to plan ahead to meet your analyzer needs.

Control Instruments service technicians will come to service & evaluate your current equipment and installations to make sure they meet the standard codes.

The PM Service Contract includes:

- Annual CIC certified on-site service visit for routine analyzer maintenance
- Certificate of Calibration meeting with ISO requirements
- On-site personnel training
- Assessment of ongoing maintenance needs
- Discounted spare parts for the duration of the PM contract

Improve efficiency and profitability with a

Preventative Maintenance Program. For more details, call our Service Dept, 973.575.9114.



Menta’s Musings

Service Tips from
Steve Menta

Troubleshooting Steps for the PreVEx

Check Zero & Zero Failure Messages

1. Check to see that zero gas is hooked up and set to 20 psi. *Note: clean, dry compressed air can be used for zero gas or a cylinder of zero air.*
2. Check to see that the fuel cylinder is not running low and the pressure is set properly. *Note: Hydrogen fueled PreVEx units should have a pressure between 40-45 psi, Propane fueled PreVEx units should have a pressure between 30-35 psi.*
3. Check for fuel leaks & correct them. *Note: an easy way to check for fuel leaks is to turn the main cylinder valve off and see if it holds pressure on the cylinder gauge. A quick drop in pressure is a sign of a fuel leak.*
4. If the fuel cylinder was just changed there may be air in the fuel lines and the line may need to be purged.
5. After checking all of the above, adjust the internal regulator on the PreVEx. Please follow the procedure in the manual under section 9.14 (H7FTA118 rev N).

Check Span or Span Failure Messages

1. Check and make sure the proper calibration gas is being used, typical gas is 1.15% ethylene in a balance of air. Pressure should be set to 20 psi.
2. Incorrect CAL RDNG setting in calibration MENU. Refer to original DATA PAGE or call CIC, 973.575.9114.
3. Test unit for leaks. Reference H7FTA182 (Maintenance Instructions) for leak check procedure.
4. Incorrect alignment of thermocouple. Reference H7FTA182 (Maintenance Instructions) for proper alignment.
5. Thermocouple may be dirty, clean with a soft brush brush or some light sandpaper.

