ENVIRONMENTAL
Leak Detection & Repair Kit

IAC
INDUSTRIAL ACCESSORIES COMPANY

Emission Point Monitoring and VOC Detection

Since the early 1980's, EPA has made known numerous rules in which require the use of the existing leak detection and repair work practice.

Who Should Use the LDAR (Leak Detection and Repair)?

- Ethanol Plants
- Chemical Manufacturers
- Petroleum Refineries
- Manufacturers of Coal Products
- Many other industrial plants required by EPA rulings governing VOC monitoring

Operational Process

The system is designed to set up reporting periods for the monitoring of VOC emission points, under subpart VV or VVa. This is accomplished by setting up a bar code number for each component in VOC service. This numbering system is then printed on a waterproof/fade proof tag that is hung in a specific location in the plant. The components are monitored by a Method 21 compliant device with the PPM readings recorded in a PDA. Both of these devices are intrinsically safe for use in the ethanol plant environment. The system will do it's best to prevent reportable leaks by producing proactive work orders, if a leak is detected the database will record and report the necessary requirements with regards to the component. When all of the data is recorded, the system will produce a report that will be submitted to the Regional Administrator. Records will be maintained in the database for later review.

Repair Reporting Tool

Leak Detection Components

*FOR MORE INFORMATION OR TO PLACE AN ORDER CONTACT **IAC** TODAY*

PB168001

4800 Lamar Avenue / Mission, KS 66202 / USA 800.334.7431 ***www.iac-intl.com***

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LDAR Equipment & Software

- PDA/Bar Code Scanner Combo (intrinsically safe)
- VOC monitor (sniffer)
- Bar Code Printer
- Bar Code Tags (1,000) waterproof/fade proof
- ODBC Link (helps scanner communicate with Access)
- TracerPlus
- Label Matrix (barcode creation software)
- Access database

The Leak Detection and Repair Kit is designed to let the ethanol plant's staff perform all the monitoring responsibilites in house, eliminating the need to hire an outside company. The entire plant's components that are required to be monitored can be loaded into a bar code database that will identify the specific process area where the component is located. The ikit is capable to perform the reporting under either sbupart regulation of VV or VVa whichever is appropriate for the plant. Here are the features that are accessible in the kit:

- Automatically pull information upload software
- Component inventory
- Blank reading/why missed?
- Add update VOC points
- Job card created warning of potential pending leak
- Tag for repair
- Print report button - all necessary EPA reports run

The bar code database is capable of using a pre-designed code system that integrates with the P & ID numbering system for your plant. The waterproof and fade proof tags are then printed on the provided printer. The plant staff will install the tags to the corresponding component so during the monitoring procedure if any tags are missed the system will show no reading taken. The LDAR kit can also be integrated into plants that are utilizing the MAPCON system after purchasing an additional module to incorporate the date.

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LDAR Kit Package Option

Silver Package — $25,000

LDAR Reporting Tool

Equipment

- MC-9090 Barcode Scanner/PDA with Windows Mobile Technology
- MiniRAE 3000 VOC Monitor
- Zebra P120i Barcode Printer with Black Ribbon
- Label Matrix Barcode Creation Software
- Barcode Tags
- Zip Ties
- Rectangular Hole Punch

Gold Package — $30,500

Silver Package
Electronic Copy of Component Inventory (Excel format)
Pre-Printed Barcode Tags
PDA Set-up

Platinum Package — $36,000

Gold Package
Choice of one of the following:

- On-site training and a one-time annual audit
- One year of monitoring performed by IAC

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