

Sign-up
NOW!

3rd Fugitive Emissions: LDAR Symposium

23–24 September 2003
Los Angeles, CA • Crown Plaza
Los Angeles Airport Hotel

Why Attend?

- See the value in having a successful LDAR Program
- Find solutions to challenges that face LDAR Professionals
- Implement the latest VOC monitoring and detection equipment & techniques
- Learn what to look for in Consent Decree Requirements and Compliance
- Network with fellow LDAR professionals
- Discover new technologies from renowned companies in the product showcase exhibition

Coming in March 2004:
**ISA Fugitive Emissions: LDAR Symposium
in New Orleans, LA**

For participation and details contact Rodney Jones
at (919) 990-9418 or e-mail rjones@isa.org

Product Display Participants

- *InspectionLogic Corp. — Exhibitor and Bronze Sponsor*
- *ARI Environmental*
- *EnRUD Resources, Inc.*
- *Emission Monitoring Service, Inc.*
- *Thermo Environmental Instruments*

WHO SHOULD ATTEND

- ✓ Environmental Air Compliance Managers
- ✓ Environmental Engineers
- ✓ LDAR Program Administrators, Managers and Supervisors
- ✓ LDAR Technicians
- ✓ Auditors
- ✓ Consultants
- ✓ Anyone seeking to jump-start a successful LDAR Program at their facility

Symposium Sponsors:

InTech



FUGITIVE EMISSIONS: LDAR SYMPOSIUM

Presentations: 8:00 a.m. – 4:00 p.m., Registration opens at 7:30 a.m.

Expert Presentations WEDNESDAY, 24 SEPTEMBER 2003

Consent Decree Compliance

Roy Massengale

How do you navigate the murky waters of Consent Decree requirements? This presentation will point out the markers you need to watch in order to reach your compliance destination, such as: program documentation with procedures and goals, lower leak definitions, more stringent monitoring frequencies, delay of repair requirements, mandatory training, third party audits, QA/QC, record keeping, and more!

The Use of a Gas Imaging Device for Detecting Fugitive Emissions in Chemical Plants

Michael Smylie

This presentation will cover the results of field studies that compare fugitive emissions leak control effectiveness using optical gas imaging technology to that obtained using the current Method 21 protocol. Preliminary results indicate that gas imaging is able to identify high leakers while monitoring both regulated and unregulated components, and can do so at a rate three to 50 times faster than the monitoring rate using Method 21.

8 Years of LDAR Program Management at a 260,000 barrel/day Refinery in Southern California – Lessons Learned

Robert “Hoppy” Hoppenrath and Jeff Davis

Working at BP's Los Angeles Refinery (formerly ARCO) has exposed us to just about any challenge an LDAR Program Administrator could imagine. With a work force of 21 monitoring technicians deployed in a very large facility, we've learned how to operate efficiently and get the job done right. Our presentation will look at a typical day's work process from the Administrator/Supervisor perspective, the tools we use to keep it all together, and what we've done to avoid trouble by being proactive.

Profit from Compliance

Vijay Gudivaka

LDAR compliance is mandated, it's expensive, and in many cases it is overlooked as a potential source of profit. This presentation will explore the potential value that can be realized from an LDAR program. We will look at pollution prevention credits, product loss reduction, and introduce ways to put your LDAR database to work.

Speaker Credentials

Roy W. Massengale, President/Owner EnRUD Resources, Inc.

Roy began his LDAR experience as an environmental staff member with Team Environmental Services, Inc. where he managed a division that provided fugitive emission estimates and developed process specific mass emission estimates. He eventually became the lead technical support person for what at the time was the largest fugitive emissions monitoring company. Roy is one of the most knowledgeable people in the industry on data acquisition systems for LDAR. Roy's expertise has been utilized to provide industry computer based LDAR training programs, onsite training programs, LDAR Audits, tagging audits, and LDAR compliance plans. Roy has worked closely with over 12 refineries as a result of the global consent decrees. Roy has also worked with customers regarding numerous US EPA and National Enforcement Investigation Center (NEIC) audits.

Michael Smylie, Principal/ENVIRON Corporation

Michael Smylie is a Principal at ENVIRON International Corporation. His practice focuses primarily on environmental, health, and safety issues that impact the semiconductor and refinery/petrochemical industries. Mr. Smylie has expertise in a wide range of technical areas including exposure and risk assessment of hazardous waste and air toxic emissions, compliance management, emissions inventory development, information management systems, regulatory analysis, fugitive emissions, and permitting services and support. In addition, he has been involved in the development and management of emissions monitoring programs, and the design, development, and implementation of database management and field hardware systems.

Robert “Hoppy” Hoppenrath FE Supervisor / Database Administrator, BP Carson Refinery

Hoppenrath has been involved with Fugitive Emissions LDAR since 1989. His previous experience includes having worked at Chevron El Segundo Refinery and ARCO / BP Carson Refinery. He has worked for monitoring services contractors Irwin Industries, Team Environmental, Metcalf + Eddy, KOPPL and Flowserve. Currently, Hoppenrath's duties include daily management of Fugitive Emissions LDAR Program, future issues facing crew, timekeeping, data administration, coordination of online leak repairs. Mr. Hoppenrath has been part of many successful LDAR data conversions and has developed expertise in LDAR data management. He has worked with BP through many regulatory issues successfully. Mr. Hoppenrath has also consulted with other local California refineries on Fugitive Emissions issues as well as currently assisting a refinery in South Africa in developing a similar LDAR program.

Marshall “Jeff” Davis FE Lead Technician, BP Carson Refinery

Jeff has been actively involved with Fugitive Emissions LDAR since 1996. His work history consists of having worked at Mobil Refinery in Torrance, CA, Unocal Refinery in San Pedro, and the ARCO / BP Carson Refinery. Jeff has worked for monitoring services contractors such as Metcalf and Eddy, KOPPL and Flowserve. Currently, Jeff's duties include daily issues concerning field crew, seeing that all leaks found are closed within their compliance dates, and creating work orders for leaks to be repaired by either the BP shops or outside online leak repair. Mr. Davis also works with Operations in coordinating inspections around Turnarounds and other maintenance activities. Accomplishments include successful leadership of LDAR crew at BP with no safety infractions, no shut down or delay of repair on equipment, and a low leak rate of 0.5% confirmed by local regulatory agencies.

Vijay Gudivaka, ERM

Mr. Gudivaka is the President & CEO of Everdant Inc. (an ERM company). He is a member of ERM's Leadership Team and is responsible for ERM's EHS Management Information Systems (EMIS) practice. Mr. Gudivaka assists clients in all phases of EH&S data management including strategy, financial planning, systems design, selection, implementation, and integration with other enterprise-wide systems. Mr. Gudivaka has a B.E. and M.S. in Engineering and a MBA from the Wharton School at the University of Pennsylvania.

Product Display Opportunity

To display your LDAR products, contact Rodney Jones at rjones@isa.org or (919) 990-9418.

Live—LDAR Analyzer Demonstration

See first hand the usability of instruments

Hear LDAR Experts, Representatives from the US EPA and California Air Quality Management Districts on emissions monitoring at ISA's Fugitive Emissions-LDAR Symposium

To view program update, visit www.isa.org/FugitiveEmissions



Conference Moderator/Chair: John Cermenaro, Vice President, InspectionLogic Corporation

Cermenaro became involved with LDAR from the data management software side of the business. He has had articles published by ASME and Pollution Engineering. He has presented numerous times on the topic of LDAR program optimization. ISA is proud to welcome John Cermenaro back as Fugitive Emissions-LDAR Symposium 2003 Conference Moderator and Chair.

www.isa.org/fugitiveemissions

Beyond Basic LDAR

The purpose of this seminar is to enhance new fugitive emission programs as well as streamline existing programs. In order to accomplish this you must determine where you are and where you want to be. Cost savings, emissions reduction, being prepared for any type of audit through the utilization of data collection, repair techniques, and having an in depth knowledge of your fugitive emission program will all be discussed.

You Will Be Able To:

- Identify equipment applicable to regulations
- Determine the most cost effective approach to fugitive monitoring
- Understand how and why equipment fails
- Set up a tracking system for preventative maintenance
- Understand requirements of Method 21
- Demonstrate regulatory compliance at all times
- Establish ways to self audit your LDAR program
- Minimize or eliminate open end lines
- Gain an exposure to LDAR fundamentals
- Be better equipped to manage or oversee an LDAR program
- Utilize LDAR data for cost savings and design
- Know what to expect if you get audited

- **Tuesday, 23 September 2003**
- **CEU Credit: 0.7**
- **Course No.: SP06PC**

You Will Cover:

- **Understanding LDAR:** Federal regulations pertaining to LDAR • How to implement new regulations into an existing program • Primary aspects of all LDAR programs • Identifying equipment in an organized manner
- **Strategy to Reduce Leaks:** Valve design and leak potential • Selection of equipment based on LDAR data • Using LDAR data to predict potential leaks • Equipment compatibility with process
- **Ever Changing Process:** Keeping up with equipment modifications • Stream identification • Regulation changes or additions
- **Method 21:** Audit tips • Specifications and performance criteria • Alternative to Method 21 • Response factors
- **Reporting and Record Keeping – Auditing:** Keeping data accessible and easy to retrieve • Reviewing criteria for reporting • What to expect if audited • Self-auditing

www.isa.org/fugitiveemissions

Buddy Joyner – Instructor



Buddy Joyner is currently a Senior Environmental Specialist for Ticona Polymers, Inc. in Bishop, TX. After nine years of operations experience in several chemical and plastic units, he was selected to establish and coordinate a fugitive emissions-monitoring program for this site. Through his efforts, many “best practices” have been developed and shared around the world.

In 1999, Celanese recognized Joyner for his contributions that resulted in a \$2,000,000 savings and in 2002, the EPA recognized him for his efforts in proactively reducing cost and emissions associated with fugitive sources. He has considerable experience in fugitive emissions training development and presentation, and has presented numerous papers both in the US and abroad on this topic.



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Attend the training and you will receive:

- Seminar Noteset
- Certificate of Completion
- Credit for 0.7 CEUs
(or 7 Professional Development Hours)

Attend the conference and you will receive:

- Conference Presentation Noteset
- Certificate of Attendance
- Credit for 14 Professional Development Hours
- List of Conference Attendees
(an invaluable networking tool!)



REGISTER TODAY!

Mention **Priority Code TCFES3** when registering.

Pricing

1-day Conference Only	\$295 Members; \$345 Nonmembers
Training Seminar	\$395 Members; \$445 Nonmembers \$375 Group

ISA reserves the right to cancel any training course because of insufficient registrations.

Hotel Reservations

Crown Plaza Los Angeles Airport Hotel
5985 West Century Blvd.
Los Angeles, CA 90045 United States
Tel: (310) 642-7500/ (888) 315-3700

Make reservations directly with the hotel. Mention the ISA
Special Rate: \$89.00 single/double.

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E-MAIL info@isa.org

ONLINE www.isa.org/fugitiveemissions



CALL ISA Customer Service at (919) 549-8411



FAX to (919) 549-8288



MAIL this form to: ISA, PO Box 3561,
Durham, NC 27702-3561, USA

1. Customer Information

ISA Member #: _____ Nonmember

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2. Registration Information — 3rd Fugitive Emissions: LDAR Symposium

Check all that apply:

<input type="checkbox"/> 1-Day Technical Conference Only	24 September	Check one:	<input type="checkbox"/> Member — \$295	<input type="checkbox"/> Nonmember — \$345
<input type="checkbox"/> 1-Day Training Seminar (SP06PC) Only	23 September	Check one:	<input type="checkbox"/> Member — \$395	<input type="checkbox"/> Nonmember — \$445
<input type="checkbox"/> Speaker Registration		Check one:	<input type="checkbox"/> 1-day— Free	

I wish to join ISA for \$85.

3. Payment Summary Please indicate method of payment:

Check Money Order Purchase Order # _____
Chargecards considered pre-paid: Visa MasterCard American Express Discover

Account #: _____ Expire Date: _____

Signature: _____ Date: _____

* Fees will be refunded only if cancellation is received in writing by 18 August 2003.


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