An Industry Island Adventure!

Welcome to the air compliance industry’s ONLY conference SOLELY dedicated to sharing best practices for leak detection and repair and directed inspection and maintenance programs.

THE premier content & networking event for the modern LDAR professional!

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Deever Bradley, P.E.

Deever Bradley holds a Bachelor’s Degree in Chemical Engineering from Cornell University and is a licensed professional engineer in Texas. A Partner based in ERM’s Houston office, he has 24 years of experience as an environmental consultant, focused primarily on air quality permitting and compliance for industrial clients throughout Texas and the Gulf Coast. Mr. Bradley is ERM’s subject matter expert for LDAR, with experience in nearly every aspect of it, having worked on over 350 LDAR-related projects across the U.S. for the refining, chemical, and pharmaceutical industries. He has been to all but one ISA LDAR Symposia, and this is his fourth year as co-chair.

Matt Gobert, EMSI

Matt Gobert is the Vice President of Business Development for Emission Monitoring Service, Inc. With over 25 years of experience, he has successfully implemented major LDAR programs for chemical and energy customers across the United States. Matt has extensive knowledge negotiating Consent Decree’s and has developed LDAR Programs at over 50 different facilities throughout the country, including refineries owned by ExxonMobil, Shell, Marathon Oil, Sinclair Oil, Valero, Delek, Flint Hills Resources and Navaho Refining.

Matt is a member of the Air & Waste Management Association (A&WMA), American Fuel and Petrochemicals Manufacturers (AFPM). Recently he was elected secretary of the Gulf Coast Chapter of the AWMA for 2017.

A Welcome Message from the Conference Chairs

The ISA Leak Detection and Repair/Fugitive Emissions Symposium has grown to become the longest running US conference devoted exclusively to LDAR and air compliance professionals. We’re once again honored to be part of this extraordinarily important event.

We’re particularly excited to present such a content-rich and power-packed conference program—featuring some of the best and brightest minds and experts in our industry. We are all eager to receive the most recent news and updates on EPA requirements and mandates—and the latest strategies and best practices—direct from government regulators and other air compliance experts.

ISA is committed to providing you with real-world answers to your most challenging problems. The technical papers to be presented and the conference and panel sessions to be conducted at this year’s meeting will address the key topics of the day—from overcoming common air emission reduction obstacles to implementing effective long-term LDAR modernization and maintenance programs.

You’ll discover valuable ISA training sessions, industry-specific and expert technical presentations, interactive panel sessions, and diverse vendor exhibits representing key suppliers. And, let’s not forget the valuable networking at our opening night reception!

While you’re visiting Galveston, be sure to take time to enjoy the picturesque views and natural beauty of this majestic setting. Only a short hour-ride from Houston, your options for food and entertainment are endless.

This year’s ISA LDAR event is destined to a memorable and rewarding experience for all!

Best Regards,
Deever Bradley and Matt Gobert,
LDAR 2017 Co-Chairs
This one-day course is intended for corporate and facility environmental personnel responsible for ensuring compliance with applicable air quality regulations with respect to fugitive emissions and leak detection and repair (LDAR). The instructor will entertain and inform the class as they share their knowledge and experience in a comfortable, interactive classroom setting. The course includes a review of fugitive emissions sources and emissions quantification methods. It includes a discussion of various regulations requiring control of fugitive emissions and focuses on managing an LDAR program to comply with the regulatory requirements. It also includes important tips for managing LDAR contractors.

Monday, 19 June
8:00 a.m. – 4:00 p.m.

LDAR OTL-ITP: Outside the Lines, Inside the Pipes (SP14PC)—New!
This one-day course is intended for corporate and facility environmental personnel responsible for ensuring compliance with applicable air quality regulations with respect to fugitive emissions and leak detection and repair (LDAR). The instructor will entertain and inform the class as they share their knowledge and experience in a comfortable, interactive classroom setting. The course includes a review of fugitive emissions sources and emissions quantification methods. It includes a discussion of various regulations requiring control of fugitive emissions and focuses on managing an LDAR program to comply with the regulatory requirements. It also includes important tips for managing LDAR contractors.

Thursday, 22 June
8:00 a.m. – 4:00 p.m.

Audit-Proofing Your LDAR Program (SP09PC)—New and Improved for 2017!
This course will review LDAR compliance obligations under state, federal, and Consent Decree LDAR requirements. Attendees will learn advanced compliance strategies and best management practices compiled from over 100 industry facilities. This course provides expert interpretation on frequently asked/encountered compliance questions that the regulated community and LDAR contractors come to learn about each year at ISA, including, but not limited to:
- Applicability of State & Federal Requirements
- Key EPA Applicability Determinations
- Stringency/Rule Consolidation
- Forensic Database Analysis
- Advanced QA/QC Techniques
- Emissions Estimation

The course also includes a review of common and uncommon LDAR audit findings and compliance “blind spots” to be addressed.

You Will Be Able To:
- Operate from an outside auditor’s perspective
- Define common compliance pitfalls at your facility
- Describe deviations and potential enforcement penalties

You will cover:

Enforcement Initiatives
- Notable Enforcement Cases
- NOVs, FOVs, and Stipulated Penalties
- NEIC’s Audit Approach

Common Audit Findings
- Calibration & Monitoring Techniques
- Comparative Monitoring
- Field Issues
- Recordkeeping & Reporting
- Consent Decree Enhanced Requirements

Audit-Proofing
- Identifying Red Flags
- Forensic LDAR Techniques
- Quality Assurance/Control Methods
- LDAR Best Management Practices
- Benchmarking Your LDAR Program
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Tuesday, 20 June

7:30 a.m. – 8:00 a.m.
Registration

8:00 a.m. – 8:15 a.m.
Welcome to Galveston! Opening Remarks
Steve Pflantz, 2017 ISA President
Deever Bradley, P.E., ISA LDAR 2017 Co-chair

8:15 a.m. – 9:00 a.m.
The State of LDAR Regional and National LDAR Enforcement
Kosta Loukeris, EPA Region 5

9:00 a.m. – 9:45 a.m.
Practice Makes Perfect: A Progress Report on the AWP
Karen Marsh, EPA OAQPS

9:45 a.m. – 10:30 a.m.
Networking/Refreshments/Vendor Exhibits

10:30 a.m. – 11:15 a.m.
Industry Perspectives on LDAR Performance, Pre-Post CD Programs, and OGI
Tim Goedeker, Phillips 66
Barry Kelly, Flint Hills Resources
Kevin Bloomer, Westlake Chemical
Phil Frazier, Marathon Petroleum Company

11:15 a.m. – 12:00 p.m.
Client Expectations vs. Operational Results
Jerry Duke, PSC

12:00 p.m. – 1:00 p.m.
Lunch/Networking/Vendor Exhibits

1:00 p.m. – 2:00 p.m.
LDAR Disambiguation
Rex Moses, LDARtools

2:00 p.m. – 2:45 p.m.
Compliance Sustainability—Does it Really Exist in LDAR? Is it Possible?
Judah Fontenot, Dexter ATC Field Services

2:45 p.m. – 3:30 p.m.
Networking/Refreshments/Vendor Exhibits

3:30 p.m. – 4:15 p.m.
Applications & Field Results for Quantitative Optical Gas Imaging
Yousheng Zeng and Jon Morris, Providence Photonics

4:15 p.m. – 5:00 p.m.
What is the Best Day for Monitoring? Examining an LDAR Urban Legend
Andrew Gunn, EMSI

5:00 p.m. – 7:00 p.m.
Reception/Networking/Vendor Exhibits
Wednesday, 21 June

8:00 a.m. – 8:15 a.m.
Symposia Recap
Matt Gobert, EMSI, ISA LDAR 2017 Co-chair

8:15 a.m. – 9:00 a.m.
Moving Targets: A look at LDAR Interpretations and Justifications
Graham Harris, Tricord Consulting

9:15 a.m. – 10:00 a.m.
Using Satellite Data to Reduce Equipment Leaks
Dan Paquette, Safetytics, Inc.

10:00 a.m. – 10:30 a.m.
Networking/Refreshments/Vendor Exhibits

10:30 a.m. – 11:15 a.m.
Real-Time Pipeline Monitoring with the Industrial Internet of Things
Murat Ocalan, Rheidian, Inc.

11:15 a.m. – 12:00 p.m.
The Ups, Downs, and All Arounds of the IR Camera
Timothy Crockett, ExxonMobil

12:00 p.m. – 1:00 p.m.
Lunch/Networking/Vendor Exhibits

1:00 p.m. – 1:30 p.m.
Ultrasound Testing and Certification for Leak Detection
Jim Hall, Association of Asset Management Professionals

1:30 p.m. – 2:00 p.m.
RCRA BB: Is Your Facility Ready for USEPA’s Next LDAR Inspection Focus?
Inaas Darrat, Trinity Consultants

2:00 p.m. – 2:30 p.m.
Networking/Refreshments/Vendor Exhibits

2:30 p.m. – 3:15 p.m.
Identifying Innovative Solutions to Difficult Problems Regarding Methane Emission Monitoring
Andrew Liptak, United Electric Controls

3:15 p.m. – 4:00 p.m.
Expert Panel Discussion
Karen Marsh, Graham Harris, Deever Bradley, and other LDAR SMEs

4:00 p.m. – 4:15 p.m.
Closing Comments and Adjourn
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