

OPENING REMARKS & KEYNOTE SPEAKERS			Texas Ballroom
8:00AM	8:15AM	8:30AM	8:45AM
Steve Probst 4C HSE	David Freidman AFPM	Kathleen Hartnett White Texas Public Policy Foundation	Jeff Saitas Saitas & Seales

4C HSE Conference hosts the largest collection of presentation sessions of any HSE conference in the world. Don't miss the chance to see cutting-edge content at the 2017 conference.

	9:30AM	10:15 AM	11:00 AM	12:00 PM	12:45 PM	1:30 PM	2:15 PM	3:00 PM	3:30 PM	4:15 PM
Air	Risk Management Plan (RMP) <i>LeAnn Johnson-Koch</i> Perkins Coie LLC	Clean Air Act General Duty Clause <i>Scott Elliot</i> Katten Muchin Rosenman LLP	Lunch with Exhibitors Hyatt Zilker Ballroom & Texas Foyer 11:00AM - 12:00PM		EPA's Methane Agenda - Will the Oil & Gas NSPS OOOOa Regulation Affect Other Sectors? <i>Jay Christopher</i> Trihydro	Implementation of a Maintenance Vent Compliance Program <i>Tony Widboom</i> Barr Engineering	Using The Toxic Release Inventory to Benchmark Environmental Performance in Texas <i>Dale A. Rice</i> VSP Technologies	Strategic Permitting in a Sustainable World <i>Bart Leininger</i> Ashworth Leininger Group	Fired Heater Flooding <i>Charles Baukal & Bill Weimer, Douglas Basquez</i> John Zink, Hollyfrontier	Unleash the Value of Your Real-Time Environmental Compliance Data Through Operational Integration <i>Phillip Black, Sylwia Kadjas</i> Wood Group
BWON	Essential Elements of a BWON Compliance Assessments to Support Acquisitions <i>Bart Leininger</i> Ashworth Leininger Group	2017 HOT TOPIC Benzene Waste Operations NESHAP In the FLIR Age, Qualities for a Sustainable Program <i>Calvin Niss</i> Trihydro	Lunch with Exhibitors Hyatt Zilker Ballroom & Texas Foyer 11:45AM - 12:45PM		BWON Compliance in The Post-CD Era <i>Bruce Douglas</i> Trinity	Scrubber Technology to Reduce Carbon Usage for BWON Compliance <i>Sean Kirkpatrick</i> Vapor Point LLC	2017 HOT TOPIC BWON Commonly Missed Waste Streams <i>Ruth Benning</i> Sage ATC	Ensuring BWON Compliance for TSD's <i>Ruth Benning</i> Sage ATC	NSPS QQQ Insights <i>Bill Stewart</i> SAGE ATC - Independent Contractor	Third-Party Laboratory Audit to Ensure Benzene NESHAP Compliance <i>Kevin Renninger</i> Environmental Standards
Environmental Legal & Monitoring	The Trump Administration & EPA's Regulation of Oil & Gas Activities <i>John King</i> BSW	The Role of Federal Land Managers in NSR Permitting <i>Matthew Cohen</i> Stoel Rives LLP	Lunch with Exhibitors Hyatt Zilker Ballroom & Texas Foyer 11:45AM - 12:45PM		DOUBLE TROUBLE: An Update on General Duty Obligations <i>Jean Flores, Paul Seals</i> Guida, Slavich, & Flores	The Trump / Pruitt EPA - Changes Are Coming <i>Jim Smith</i> Schirrmeyer Diaz-Arrastia Brem LLP	Ethical and Legal Considerations for Environmental Professionals <i>James Payne</i> Guida, Slavich, & Flores	CAA Mitigation Presentation <i>Carrick Brooke-Davidson</i> Guida, Slavich & Flores	Effectuating Regulatory Change in the Trump Administration: Opportunities & Limitations <i>Stacie Fletcher & David Fotouhi</i> Gibson, Dunn & Crutcher LLP	Consent Decree Termination <i>Julie Domike</i> Haynes & Boone LLC
Flares	Does Combustion Zone Net Heating Value (CZNV) Track Flare Performance? <i>Yousheng Zeng, Jon Morris</i> Providence	Assessment of Flare Smokeless Capacity Estimation Techniques <i>Derek Stuck</i> Sage ATC	Flare Management Plans: Legal Strategies & Compliance Risks Post <i>LeAnn Johnson-Koch</i> Perkins Coie LLP	Lunch with Exhibitors Hyatt Zilker Ballroom & Texas Foyer 11:45AM - 12:45PM		Design & Operation of Flare Gas Recovery In An Ethylene Plant <i>Ryan Talley & John Swanson</i> John Zink & Flint Hills Resources	Emissions Testing of Sonic Velocity Flares <i>Kristen Hefley</i> Zeeco Inc	Flares <i>Lei Sui & Dan Johnson</i> GE Oil&Gas	Reduce Turnaround Duration By Eliminating Flare/Flare Gas Recovery Utilizing New Scrubber Technology <i>Jim Woodard, Bryant Woods</i> Vapor Point LLC	Comparison of MACT CC & NSPS Subpart Ja Requirements - Flares <i>Steve Walls</i> Trihydro
Health & Safety/ Geoscience	Applying a "Hard Science" Disciplined Approach to Identify & Verify Chemical Properties for Safe Response, Handling, & Disposal <i>Cliff & Ruth Holland</i> Spill Management Inc.	New RMP Risks <i>Erin Ward, Adam Kushner</i> Hogan Lovells	The Site Remediation MACT...Is Back! <i>Jeremy Sell</i> Trihydro	Lunch with Exhibitors Hyatt Zilker Ballroom & Texas Foyer 11:45AM - 12:45PM		Advanced PRD Monitoring Systems <i>Marcio Donnangelo, Tom Bass</i> Emerson Process Management	Approach, Secure, Identify, Assess, & Respond to Routine Events, Chemical Spills, or Environmental Emergencies <i>Cliff & Ruth Holland</i> Spill Management Inc.	Advances in Confined Space Monitoring Safety & Accountability <i>Larry Brewer - AirgasOn-Site Safety</i> <i>Mike Lowe - Rice Electronics</i>	Using Police Investigation's Process for Industrial Accident Scenes <i>Keith Farrell</i> K&K	New EPA Programs to Expedite Resource Conservation Recovery Act (RCRA) <i>Lloyd Dunlap - Trihydro</i> <i>Thomas Rinehart - Chevron</i>
LDAR	It's Just Calibration...How Hard Can it Be? <i>Inaas Darrat</i> ERM	HON & Other LDAR MACTs: Key Items Different than NSPS LDAR Requirements <i>Deever Bradley</i> Trinity	New & Different Approaches to Using the IR Camera For Beginners - The Detection of Hydrocarbon Leaks <i>Timothy Crockett</i> Exxon Mobil	Lunch with Exhibitors Hyatt Zilker Ballroom & Texas Foyer 12:30PM - 1:30PM		How To Maximize Efficiency For Your Regulatory Overlapping LDAR Program <i>Tanya Jackson</i> Montrose Air Quality Services	2017 HOT TOPIC Chasing the "Exceptional Majority" vs Conducting LDAR for the "Minimal Majority" <i>Douglas Jordan</i> Southwestern Energy Company	OGI Beyond The Visible: OOOOa Compliance & Innovative Next Gen LDAR Concept <i>Omer Yanai</i> OPGAL	RCRA BB: Is Your Facility Ready For Usepa's Next LDAR Inspection Focus? <i>Inaas Darrat</i> Trinity	Gray Areas of LDAR <i>Rex Moses</i> LDAR Tools
Tanks/Wastewater	Upstream Oil & Gas Emissions Inventory Calculations: Storage Tanks <i>Danielle Nesvacil</i> TCEQ	Why Are My Tank Vents Leaking? <i>Matthew Barfield</i> Protego	Asphalt & 6 Oil Tanks Vent Emissions <i>Mike Hill</i> Applied Contaminant Control Ltd.	Characterizing & Mitigating Air Emissions from Industrial Wastewater Treatment Processes Using ToxChem™ <i>Malcolm Fabiyi</i> Hydromantis	Lunch with Exhibitors Hyatt Zilker Ballroom & Texas Foyer 12:30PM - 1:30PM		The Role of Process Modeling in Enhancing Optimization & Knowledge Management in Industrial Wastewater Treatment <i>Malcolm Fabiyi</i> Hydromantis	Oxygen Enhancement of Industrial Wastewater Systems <i>Vince Hartley</i> Airgas	Implementation of CWA 316b -Cooling Water Intake Structures <i>Lial Ticsler</i> Tischler/Kocurek	Selenium Removal from Refinery Wastewater <i>Lori Donovan</i> Honeywell
Oil & Gas	Best Practices for Vapor Recovery Systems to Reduce Venting & Flaring with Economic Benefit <i>Jeff Voorhis</i> HY-BON	Applications & Field Results for Quantitative Optical Gas Imaging <i>Jon Morris, Yousheng Zeng</i> Providence	Modification/Reconstruction: Triggering NSPS VVA/GGGa/OOOa <i>Inaas Darrat</i> Trinity	LDAR Case Study Comparison of Conventional Method 21 vs Alternative Work Practice (Optical Gas Imaging) <i>Terence Trefiak</i> Target Emission Services	Lunch with Exhibitors Hyatt Zilker Ballroom & Texas Foyer 12:30PM - 1:30PM		Insights for NSPS OOOOa Fugitive Emissions Monitoring Plans <i>Mark Boccella</i> FLIR	Use of Process Optimization Methods for Concurrent Evaluation of Plant Economics & Air Compliance <i>Suresh Raja, Nathaniel Collette, Punith Nallathamby</i> Enercon	Methane Blueprint <i>Doug Jordan</i> Southwestern Energy Company	EPA Compliance Alert: Best Practices to Reduce Venting & Flaring with Economic Benefit or How to Avoid a Consent Decree <i>Jeff Voorhis</i> HY-BON
RSR	Challenges to CEMs & Other EPA Calibration Monitoring in the Absence of Protocol Standards <i>Andy Shurtleff & Phil Midgett</i> Airgas	Fenceline Monitoring Panel <i>Moderator: Andy Woerner - ERM</i> <i>Presenters: David Elam, David Berkowitz, Gary Daves, Steve Hall, Jesse Miller & Kristin Gordon</i>	Lunch with Exhibitors Hyatt Zilker Ballroom & Texas Foyer 12:30PM - 1:30PM		Lunch with Exhibitors Hyatt Zilker Ballroom & Texas Foyer 12:30PM - 1:30PM		Miscellaneous Process Vents & SSM Elimination Issues Panel <i>Moderator: Linda Bartlett - ERM</i> <i>Presentors: Tony Widboom, Mike Hopperton</i>		Optical Flow Sensor Technology for Flare Efficiency <i>Donn Williams</i> OPI	Using Calorimeters to Measure the Net Heating Value of Vent Gas <i>Blair Sullivan</i> Vector Controls

Enjoy A Refreshing Break & Visit The Exhibitors!
3 - 3:30pm

presented by:

