

# **31st Annual Environmental, Health & Safety Conference 2019**

Louisville, Kentucky, USA  
8 – 10 October 2019

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**31<sup>st</sup> AFS ENVIRONMENTAL, HEALTH & SAFETY CONFERENCE**  
**October 8–October 10, 2019**  
**Louisville, KY**  
(Program, Speakers & Agenda Subject to Change)

**TUESDAY, OCTOBER 8**  
**SAFETY SESSION**

- 7:00 am - 3:45 pm**      **CONFERENCE REGISTRATION**
- 7:00 - 8:00 am**      **CONTINENTAL BREAKFAST**
- 8:00 - 8:15 am**      **WELCOME & ANNOUNCEMENTS**  
*Dan Oman, Haley & Aldrich, Inc., Stephens City, VA, AFS EHS Division Chair*
- INTRODUCTION**
- AFS EHS Committee overview
  - Recognition of AFS EHS Division members in attendance
  - CONFERENCE CO-CHAIRS: **Brent Charlton, Metal Technologies Auburn, LLC**  
**Lennon Martin, Denison Industries, Inc.**
- 8:15 - 9:00 am**      **Walking and Working Surfaces**  
*Andrew Tirmenstein, Keramida, Inc., Indianapolis, IN*
- Overall definition
  - Updates to the standard
  - Impacts for the metalcasting industry
- 9:00 - 9:45 am**      **Washington Update: OSHA Enforcement and Regulatory Update – What Metalcasters Need to Know**  
*Stephanie Salmon, VP Government Affairs, Washington, DC.*
- Recent OSHA enforcement data and trends
  - OSHA’s recently enacted Site-Specific Targeted Inspection Plan
  - Rulemaking developments and predictions
- 9:45 - 10:00 am**      **REFRESHMENT BREAK**
- 10:00 - 10:45 am**      **From Compliance to Ownership: A Safety Culture Case Study**  
*Tony Orłowski, McWane, Inc., Anniston, AL*
- The reasons for moving to an ownership culture
  - The struggles and rewards
- 10:45 - 11:30 am**      **Work Place Violence**  
*Andy Kress, Waupaca Foundry, Waupaca, WI*
- Identify Behaviors... how to manage
  - Security
    - Buildings
    - ID Potential Threats
  - Disgruntled Employees
  - Damage to Equipment
  - Recent Events-Warning Signs
  - Common Myths

- 11:30 - 11:45 am**      **Safe Year & Safety Innovation Awards Presentations**  
*Tom Slavin, Slavin OSH Group, LLC, Chicago, IL*
- 11:45 am - 12:45 pm**      **LUNCH**
- 12:45 - 1:30 pm**      **Lean Safety**  
*Bob Forrester and Ashley Garner, Neptune Technology Group, Inc., Tallahassee, AL*
- Traditional lean manufacturing tools - impacts on safety culture
  - Key safety performance indicators to encourage culture change
  - People centric leadership style to promote a safety focused culture
  - Early injury intervention program to improve safety performance
- 1:30 - 2:15 pm**      **Safety Data Sheets (SDSs): Understanding the GHS Classification Differences**  
*Jeff Krause, HA International, LLC, Westmont, IL*
- Similar chemical products with different classifications
  - GHS classification process
  - Provide accurate and complete information concerning chemical hazards
- 2:15 - 2:30 pm**      **REFRESHMENT BREAK**
- 2:30 - 3:15 pm**      **Controlling Heat Stress on Foundry Workers through Management of In-Plant Heat Load**  
*Bob Scholz, TRC Companies, Inc., Milwaukee, WI*
- Benefits of controlling the waste process heat in indoor air
  - Ways to reduce worker exposure to radiant heat
  - Ways to efficiently limit air temperature rise
- 3:15 - 4:00 pm**      **Safety Leadership Coach – “Hazard Recognition & Mitigation”**  
*Carlos Robinson and Micky Hannum, McWane, Inc., Birmingham, AL*  
Develop leaders’ capabilities in hazard recognition and mitigation
- Enhance communications between leaders and workers regarding hazards
  - Move safety from compliance, rules and enforcement to engaging people
  - Build better buy-in to safety to create a safety-focused culture
- 4:00 - 5:15 pm**      **Safety Session for “Metalcasters Only”**  
*Moderator: Glenn Huneycutt, Charlotte Pipe, Charlotte, NC*  
*Panelists: Brent Charlton, Metal Technologies, Inc., Auburn, IN*  
*Bob Forrester, Neptune Technology Group, Inc. Tallahassee, FL*  
*Carlos Robinson, McWane, Inc., Birmingham, AL*

## WEDNESDAY, OCTOBER 9

### COMBINED ENVIRONMENTAL AND HEALTH & SAFETY SESSIONS

- 7:00 - 8:00 am**      **REGISTRATION & CONTINENTAL BREAKFAST**
- 8:00 - 8:45 am**      **Implementing Changes to Comply with the New Silica Rule: Case Studies**  
*Moderator: Ben Lemley, TRC Companies, Inc., Grand Rapids, MI*  
*Panelists: Ricky Bryant, NIBCO, Inc., Elkhart, IN*  
*Bob Forrester, Neptune Technology Group, Inc., Tallahassee, FL*  
*Josh Brockman, Quality Castings Company, Orrville, OH*
- Analyzing exposures and implementing changes for control of silica

- How silica reductions can be achieved by addressing a variety of issues

8:45 - 9:30 am

**ISO 45001- The New Gold Standard of Workplace Safety**

***Ed Foulke, Fisher & Phillips LLP, Atlanta, GA***

- What is ISO 45001
- How it enhances existing OHS programs
- Its impacts on corporate culture
- How it reduces costs and has a positive impact on public image

9:30 -10:30 am

**EHS Hot Topics**

**Air Quality - *Jeet Radia, McWane, Inc. Birmingham, AL***

**Water & Waste – *Greg Kramer, ME Elecmetal, Duluth, MN***

**Health & Safety - *Tom Slavin, Cardno ChemRisk, Chicago, IL***

10:30 - 10:45 am

**REFRESHMENT BREAK**

10:45 - 11:30 am

**Washington Update**

***Jeff Hannapel, The Policy Group, Rockville, MD***

11:30 am - 12:15 pm

**Strategies for Maximizing Safe Outcomes**

***Ken Chapman, Ken Chapman & Associates, Tuscaloosa, AL***

***Jeet Radia, McWane, Inc., Birmingham, AL***

- Recognizing the role and limitations of compliance programs
- Creating “ownership” of safe work practices
- Engaging your workforce around safe outcomes
- Recognizing and rewarding safe work practices

12:15 - 12:30 pm

**AFS EHS DIVISION AWARD PRESENTATIONS:**

***Dan Oman, Haley & Aldrich, Inc., Stephens City, VA***

12:30 - 1:30 pm

**LUNCH WITH EXHIBITORS**

1:30 - 3:00 pm

**Avoiding Legal Pitfalls While Documenting EHS Incidents and Investigations: An Interactive Video and Live Courtroom Demonstration**

***Steve Weber, Fern Paterson and Mary Katherine Stuker, Parker Poe Adams & Bernstein LLP, Charlotte, NC***

- Documenting EH&S incidents and investigations
- Information that opponents obtain during litigation (cell phone photos, texts and voice mails)
- Applicability of legal privileges to documents generated in EHS investigations
- Video simulation of an EH&S incident and documentation of the incident
- A live courtroom cross-examination of the EH&S Technician

3:00 - 3:30 pm

**REFRESHMENT BREAK WITH EXHIBITORS**

3:30 - 4:15 pm

**EPA’s Audit Policy and Self Disclosure**

***Tim Haley, Barnes & Thornburg LLP, Indianapolis, IN***

- Navigating non-compliance self-reporting under EPA’s current Audit Policy
- Use of the agency’s eDisclosure system
- Legal and practical considerations for real world industry challenges

4:15 - 5:30 pm

**Green Foundry Award Presentations**

***Dan Plant, Environmental Manager, Metal Technologies, Inc***

**Michael Bowles**, Kennedy Valve Company, Elmira, NY  
**Roger Horn**, Environmental Technician, Clow Valve Company, Oskaloosa, IA  
Safety Innovation & Insight Award Presentations  
Safety Award: **Earl Miller**, Hiler Industries, La Porte, IN  
Health Award: **Tony Ingle & Maureen Kamphaus**, Clow Valve, Oskaloosa, IA  
Ergonomics Award: **Richard Thompson**, Clow Valve, Oskaloosa, IA

**Environmental Session for “Metalcasters Only”**

**Moderator:** **Greg Kramer**, ME Elecmetal, Duluth, MN  
**Panelists:** **Lennon Martin**, Denison Industries Inc., Denison, TX  
**Bryant Esch**, Waupaca Foundry Inc., Waupaca, WI  
**Paul Sheppard**, Amsted Rail, Keokuk, IA

6:00 pm - **ANNUAL RECEPTION WITH EXHIBITORS**  
Networking, time with Exhibitors, Hors D'Oeuvres & Drinks for All

**THURSDAY, OCTOBER 10**  
**ENVIRONMENTAL SESSIONS**

7:00 - 8:00 am **REGISTRATION / CONTINENTAL BREAKFAST**

8:00 - 8:45 am **Hazardous Waste Generator Improvements Rule- *Significant changes or a lot of words with little impact?***

**Larry Bowers**, **McWane, Inc.**

- Episodic Generation of Hazardous Waste
- Quick Reference Guide Requirements for Large Quantity Generators
- Changes in Notification Requirements for Small Quantity Generators
- Changes in Labeling Requirements for Hazardous Waste Containers
- Intra-Company Waste Transfers

8:45 - 9:30 am **Innovations in Binders and Release Agents – Panel Discussion**

**Moderator:** **Craig Schmeisser**, Mad River Strategies LLC, Bremen, OH

**Panelists:** **Matt Hartman**, ASK, Columbus, OH

**Jim Mancuso**, Mancuso Chemicals Limited, Niagara Falls, ON

**Ayax Rangel**, HA International LLC, Westmont, IL

- Improving product performance and new technologies
- Reducing your environmental footprint
- Prep work for trial runs and onboarding of a new binder system

9:30 - 10:15 am **Moving Beyond Compliance with Baghouse Leak Detection: What your Dust Collection Program May be Missing**

**Bryant Esch**, **Waupaca Foundry Inc.**, **Waupaca, WI**

**Wesley Fleming**, **Keramida, Inc.** **Indianapolis, IN**

- Regulatory requirements for bag leak detection systems
- Strategies for working with regulators to use leak detection systems for compliance purposes
- Existing EPA operational guidance
- Practical methods for installation and implementation of a bag leak detection program

- Proven strategies for responding to alarms and appropriate corrective actions

10:15 - 10:30 am

**REFRESHMENT BREAK**

10:30 - 11:15 am

**Are you Ready to Reuse your Byproducts?**

***Dan Plant, Metal Technologies Inc., Auburn, IN***

- Innovative beneficial reuse ideas
- Compounding the benefits of reuse
- Capital project design with beneficial reuse in mind

11:15 - Noon

**Odor Evaluation and Control**

***Jim Ross, Webster Environmental Associates, Inc., Louisville, KY***

- The Science Behind Odors
- Odor Testing
- Using an Odor Panel
- Air Dispersion Modeling
- Odor Abatement Techniques

Noon to 1:00 pm

**LUNCH**

1:00 - 1:45 pm

**Update on Residual Risk and Technology Review (RTR) of the Iron and Steel Foundry NESHAP for Major Sources**

***Craig Schmeisser, Mad River Strategies, New Bremen, OH***

***Jeff Hannapel, The Policy Group, Rockville, MD***

***Phil Mulrine, USEPA Office of Air and Radiation, Research Triangle Park, NC***

- Development of the proposed rule
- New and modified compliance requirements
- Proposed rule comments and a roadmap to the final rule

1:45 - 2:30 pm

**CERP: A Forgotten Treasure Trove of Foundry Air Emissions Data**

***Tom Rarick, ERM (retired), Indianapolis, IN***

***Jim Schifo, Keramida, Inc., Indianapolis, IN***

- Background and history of CERP (Casting Emission Reduction Program)
- How and where to access CERP data
- How and when to use CERP emission factors
- Snags, pitfalls and limitations of CERP data

2:30 pm

**Adjourn**