# 2020 Schedule-at-a-Glance

## Product Safety & Compliance Seminar

### Monday, August 24, 2020

<table>
<thead>
<tr>
<th>Time</th>
<th>Events</th>
</tr>
</thead>
</table>
| 11:00 am to 12:00 pm | **Opening Remarks**: Bruce James, Chair of the Seminar Planning Committee, Product Safety & Compliance Manager, AGI  
**Welcome**: Curt Blades, AEM Senior Vice President, Ag Sector  
**Opening Keynote**: Why Culture Matters – Workforce Diversity & Safety, Elaine Cullen Vandervert, PhD, President, Prima Consulting Services, ASSE 100 Women in Safety and 2015 Safety Professional of the Year - Mining  
- Access to All Markets Requires Chemical Compliance  
  Presentation by seven senior technical managers from AEM member firms - most engaged in regulated substance compliance, circular economy, regulation detail. The “find-acquire-organize-update & data store” problems.  
- Incident Investigation, Best Practices and Documentation  
  Starting from first notice of an incident, through work at the site, and thorough documentation. Tools, techniques, tips, methods, & lessons learned.  
- Technical Publications Workshop  
  An informal networking session, but at a high level. Features presentations, discussions, and examples. Questions, comments & experience are part of the session. |
| 12:00 pm to 4:00 pm | ▪ Access to All Markets Requires Chemical Compliance  
Presentation by seven senior technical managers from AEM member firms - most engaged in regulated substance compliance, circular economy, regulation detail. The “find-acquire-organize-update & data store” problems.  
▪ Incident Investigation, Best Practices and Documentation  
Starting from first notice of an incident, through work at the site, and thorough documentation. Tools, techniques, tips, methods, & lessons learned.  
▪ Technical Publications Workshop  
An informal networking session, but at a high level. Features presentations, discussions, and examples. Questions, comments & experience are part of the session. |

### Tuesday, August 25, 2020

<table>
<thead>
<tr>
<th>Time</th>
<th>Events</th>
</tr>
</thead>
</table>
| 9:00 am to 10:00 am | **Concurrent Sessions:**  
- Track 1 – Key Aspects of Organizing & Structuring Product Safety Information  
  Insight into key roles and functions of a Product Safety Team. From compiling the information to creating a safety information repository. Selecting the right group for evaluating and making decisions Best practices for storing product information.  
- Track 2 - Product Safety for Design & Quality Engineers  
  Global supply chains challenge innovative product launch & development. Technology teams and supplier integration considerations.  
- Track 3 – ANSI Z535.6 Safety Information in Product Manuals, Instructions & Other Materials – A Focus on the Standard  
  Advanced overview of sectional, grouped & embedded messages, hazard level, and message-to-manual integration.  
| 10:15 am to 11:15 am | **Concurrent Sessions:**  
- Track 1 – Risk Analysis Fundamentals  

Learn basic concepts & processes to identify hazards, estimate risks, and select protective measures. This session ties directly to 11:30am session New Product Designs: Risk Management.

Track 2 – Advanced Perception Systems & Sensor Fusion Supporting Automation & Autonomy
Level 1 & 2 active driver assistance. Operational efficiency & regulations are autonomy drivers.

Concurrent Sessions:

Track 1 – New Product Designs: Risk Management
How to fuse safety into a project plan by incorporating compliance. Incorporating reviews and risk assessment into all phases of product design while keeping it on time and on budget.

Track 2 – Lithium Ion Battery Technology
Impact on manufacturing, shipping, and servicing. Discuss handling considerations in manufacturing & assembly, shipping whole goods and service parts, and implications on field support and distribution servicing.

Track 3 – Translations: Prepare for Tomorrow Today
Steps to increase comprehension, shorten time to market and decrease costs for tomorrow’s needs. Review a best practice checklist to overcome challenges, software that improves productivity, and action items to ensure effective outcomes working with your translation partner.

Concurrent Sessions:

Track 1 – Post-Sale Product Issues, Recalls & Product Improvements
An overview of what to monitor and why, what to consider for determining if you need to act, what some of the worldwide regulatory bodies expect of companies (and risks of not meeting these expectations), and how to decide what actions are appropriate.

Track 2 – Future Alternative Power for Off-highway Products
Get a glimpse of the future by learning more about a propane-fueled (LPG) engine and a compressed natural gas-fueled (CNG) engine married to a hybrid-electric powertrain (electric drive). Design, maintenance, and safety considerations.

Track 3 – Improve Document Effectiveness with Design & Layout
Explore communication and design theory. Gain understanding of content and reader knowledge. Learn about document set up, end user ease of use, digital vs print use - challenges.

Concurrent Sessions:

Track 1 - Signal Words in Messages and Decals (101)
Learn how to determine the appropriate signal word to use for a warning message based on ANSI Z536.6. Discussion on what to do when the outcome of a risk assessment includes more than one severity classification.
### Track 2 – Global Engine Emission Regs Update
Recent and foreseeable regulatory changes for off-road engine emissions around the world. Special focus on Stage-V “in-use testing” mandates.

### Track 3 – Right-to-Repair (R2R) & Repair Maintenance Info (EU RMI)
Industry response and practice compared with the EU RMI regulation. Legalities, standards, information, and limits.

---

**Wednesday, August 26, 2020**

<table>
<thead>
<tr>
<th>Time</th>
<th>Concurrent Sessions:</th>
</tr>
</thead>
</table>
| 8:45 am to 9:45 am | **Track 1 – Different Paths to Pictorial-Only Safety Decals**<br>Presented by three industry experts. Discussion of pictorial-only safety signs with added communications sources to clearly warn of hazards.  
**Track 2 – Data Privacy and Regulations – What to be aware of?**<br>An examination of personal data, telematics and Big Data, how it affects the construction industry, and who is responsible for data handling, processing, and accessing.  
**Track 3 – Just-in-Time Training with VR, Mobile and Voice Assistance**<br>How Just-in-Time (JIT) principles of driving efficiency and reducing response times can be applied to training with Virtual Reality. |
| 10:00 am to 11:00 am | **Track 1 – Risk Assessment 201**<br>Broaden traditional mechanical and electrical evaluations with the expansion of software-controlled functional safety circuits to replace strict hardware controls.  
**Track 2 – Emerging Acoustic Awareness Technology**<br>A paradigm shift of autonomous and “driven” electric vehicles requires a new look at a target vehicle acoustic profile.  
**Track 3 – New Approaches to Service Training: Videos, Animation and Content Re-Use**<br>A review of online and blended learning programs that provide advantage to students and efficiencies for the OEM. |
| 11:15 am to 12:15 pm | **Track 1 – Chemical Compliance for Market Access**<br>Presentation pinpoints major regulations addressing the growing list of identified hazardous chemicals/materials potentially present in products.  
**Track 2 – Global CE Hotspots – India, China & GCC Regulatory Changes**<br>Overview by region and the anticipated regulatory and conformance environment.  
**Track 3 – Leading the Emerging Workforce** |
The role and power of culture when communicating notices, warnings, and dangers, for safety and compliance in today’s increasingly diverse workforce.

Concurrent Sessions:

Track 1 – OEM Approval Processes for Purchased Components
A Tier 1 supplier view of key processes and approvals needed to satisfy OEM requirements. Insights to design review, desktop simulation, critical component cycle testing and field testing.

Track 2 – Functional Safety & Your Product (Part 1)
Overview as it applies to heavy equipment manufacturers and suppliers.

Evolution of Control System Functional Safety (Part 2)
ISO19014 developed exclusively for mobile machinery.

Track 3 – Smart Labels: Using On-Product QR Codes to Provide Product, Safety, and Regulatory Compliance Information
Considerations, deployment, and maintenance issues. How it may impact other communication options.

Concurrent Sessions:

Track 1 – Active Safety Technology for Mobile Equipment: Operator Awareness, Assistance, Autonomy
Learn how active safety helps avoid incidents, using current vehicle technology.

Track 2 – Understanding Agricultural Regulations and Standards for International Market Access
Review of the body of international safety standards for agricultural machinery.

Track 3 – Technical Publications: The Mouthpiece of Engineering
Transform raw technical information into useful, compliant technical manuals that are engineering’s voice to the world.

Closing Keynote: The Power of Sustainability, Brian Mormino, Executive Director - Technical & Environmental Systems, Cummins, Inc.

Closing Remarks: Bruce James, Chair of the Seminar Planning Committee, Product Safety & Compliance Manager, AGI

Product Liability Seminar

Thursday, August 27, 2020

How & Why to Be A Great Client
Learn how to prepare your attorney for maximum effectiveness. This session presents techniques to educate counsel on the industry, the subject machine and variations, uses, safety instructions, and role
limitations. Additionally, it explains how an attorney’s lack of basic knowledge will lead to disaster.

**Depositions, A to Z**
A great deposition won’t win a case, but a poor deposition can make it difficult to defend. A deposition can go bad fast if you’re not properly prepared. Learn how to prepare with topics covered in this session:

- Preparation
- The Deposition
- Special Topics

**Anatomy of a Products Liability Claim**
A heavy equipment incident will be examined to illustrate important portions of a claim.

Topics Covered:
- Discovery (eDiscovery) – What to Consider
- Litigation Holds & Spoliation – Compliance and control of product and technical information, and the penalties for deletion.
- European and Global Standards
  - Differences and legal implications
  - Using more than one set of standards
  - Incidents, investigation and liability
- Intellectual Property Theft Issues
  - Global Issues
  - Avoidance, discovery, and other issues
- Aftermarket – Investigations, data mining, retrofit/recalls
- Impact of Social Media in Products Liability Defense

**Seminar Close**