

## REGISTRATION INFORMATION:

- Registration Fee – \$495 for members, \$695 for non-members
- Registration includes – Attendance at both day's sessions, printed materials, lunches on Wednesday and Thursday, and coffee breaks
- Registration deadline – May 1, 2017
- Register at – [www.aluminum.org/events/spring-CHSW-2017](http://www.aluminum.org/events/spring-CHSW-2017)
- Association Members – Use Discount Code "CHSMember" to obtain the reduced rate

## WHERE TO STAY:

- Marriott – Detroit Airport, 30559 Flynn Drive, Romulus MI 48174
- Reservations: 734.729.7555 or 1.888.236.2427
- Room Rate: \$149 per night, mention the Casthouse Safety Workshop



## DEADLINES:

Register by May 1, 2017; reserve your hotel room by April 26, 2017 to receive the discounted rate

FOR MORE INFORMATION:  
CURT WELLS, DIRECTOR OF REGULATORY AFFAIRS  
703.358.2976 OR [CWELLS@ALUMINUM.ORG](mailto:CWELLS@ALUMINUM.ORG)

“”

In my 30 plus years of smelting and casthouse experience, **this safety workshop was the most comprehensive and beneficial** training and networking opportunity that I have ever attended.

— RECENT ATTENDEE FEEDBACK



[AluminumAssociation](https://www.facebook.com/AluminumAssociation)



[@AluminumNews](https://twitter.com/AluminumNews)



[www.youtube.com/user/AluminumAssn](http://www.youtube.com/user/AluminumAssn)



<http://alu.mn/TAALinkedIn>

## REGIONAL CASTHOUSE SAFETY WORKSHOP

May 10–11, 2017

MARRIOTT – DETROIT AIRPORT  
DETROIT, MI

THE ALUMINUM ASSOCIATION  
1400 CRYSTAL DRIVE · SUITE 430 · ARLINGTON, VA 22202

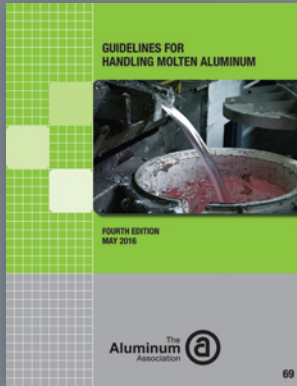
[www.aluminum.org](http://www.aluminum.org)

The  
**Aluminum**  
Association 

## 4<sup>TH</sup> EDITION GUIDELINES FOR HANDLING MOLTEN ALUMINUM

The Association recently released the newly revised and updated 4th Edition of its foundational safety document, *Guidelines for Handling Molten Aluminum*.

This new edition contains 30% more content than its predecessor, and contains new or updated guidance for all aspects of molten metal operations. Participants at this workshop will receive the new edition as part of their course materials and have the opportunity to engage with the workshop speakers on its content.



## ONGOING SAFETY EDUCATION

Learn from the experts when you come to Detroit in May — whether this is your first time at a Casthouse Safety Workshop, or a refresher, this information is vital to doing the job well. Information you need to run your operation safely will be discussed in detail, including:

- Molten Metal Safety
- Scrap Handling and Charging
- Casting Operations
- Combustible Dust
- Protective Clothing and Equipment
- Lock Out / Tag Out
- Pit Guarding
- Incident Investigation

## PARTICIPATION ENCOURAGED

A panel of experts will be assembled to respond to questions. There will also be opportunities to see and discuss recent plant incidents, and to take part in interactive sessions designed to foster knowledge transfer based on lessons learned at plants and through the workshop training. A representative from each facility will also be asked to share information on current PPE Practices and DC Pit Guarding during the “Company Experiences” Session on Thursday. Representatives from PPE supplier companies will also be attending the workshop and will have table top displays of personal protective apparel used in the aluminum industry.

### PREVENTING EXPLOSIONS – WEDNESDAY, MAY 10

7:30 AM	<b>Registration</b>	<i>The Aluminum Association</i>
8:00 AM	<b>Opening Remarks</b>	<i>TBD</i>
8:25 AM	<b>Historical Trends of the Industry</b>	<b>Curt Wells</b> – <i>The Aluminum Association</i>
8:45 AM	<b>Fundamentals of Explosions and Molten Metal Incident Data</b>	<b>Mark Eliopoulos</b> – <i>Director of Corporate Safety and Health, Kaiser Aluminum, and Ray Richter</i> – <i>Consultant, Aluminum Cast Shop Consultants</i>
10:00 AM	<b>Break</b>	<i>PPE Examples Provided by Suppliers</i>
10:15 AM	<b>Scrap Inspection and Handling</b>	<b>Jerimee Bortner</b> – <i>Safety Coordinator, Kaiser Aluminum</i>
10:45 AM	<b>Sow Casting and Charging</b>	<b>John Zeh</b> – <i>Staff Process Engineer, Logan Aluminum</i>
11:45 AM	<b>Lunch</b>	
12:30 PM	<b>Metal Transfer Operations</b>	<b>Mike Zoll</b> – <i>Director of Global Safety, Novelis</i>
1:15 PM	<b>Charging &amp; Metal Transfer Breakout/Reportout</b>	<i>Led by John Zeh and Mike Zoll, assisted by all speakers</i>
2:15 PM	<b>Combustible Dust Management</b>	<b>Brad Burridge</b> – <i>Associate Engineering Leader, Novelis</i>
3:15 PM	<b>Break</b>	<i>PPE Examples Provided by Suppliers</i>
3:30 PM	<b>DC Casting Safety</b>	<b>Jim Brock</b> – <i>Regional Leader Casthouse Technology Management, Arconic</i>
4:30 PM	<b>Combustible Dust Breakout/Reportout</b>	<i>Led by Brad Burridge, assisted by all speakers</i>
5:30 PM	<b>Adjourn</b>	

### PROTECTING EMPLOYEES – THURSDAY, MAY 11

7:30 AM	<b>Developments in Hands-Free Casting Start</b>	<b>Michael Larkin</b> – <i>Remelt Engineer, Logan Aluminum</i>
8:00 AM	<b>Fabric Testing and PPE Regulations</b>	<b>Curt Wells</b> – <i>The Aluminum Association</i>
8:20 AM	<b>Evaluation of PPE Performance at Logan Aluminum</b>	<b>John Zeh</b> – <i>Staff Process Engineer, Logan Aluminum</i>
8:40 AM	<b>Casting Breakout/Reportout</b>	<i>Led by Jim Brock, assisted by all speakers</i>
9:40 AM	<b>DC Pit Guarding</b>	<b>Ray Richter</b> – <i>Consultant, Aluminum Cast Shop Consultants</i>
10:00 AM	<b>Break</b>	<i>PPE Examples Provided by Suppliers</i>
10:15 AM	<b>Company Experiences</b>	<i>All Attendees</i>
11:45 AM	<b>Lunch</b>	
12:30 PM	<b>Company Experiences (con’t)</b>	<i>All Attendees</i>
1:15 PM	<b>Mobile Equipment, Crane, and Walkway Safety</b>	<b>Brian Pike</b> – <i>NA Safety Director, Sapa</i>
2:00 PM	<b>Molten Metal Incident Investigation</b>	<b>Jim Brock</b> – <i>Regional Leader, Casthouse Technology Management, Arconic</i>
2:45 PM	<b>Lockout/Tagout and EHS Breakout Session</b>	<b>Mark Eliopoulos</b> – <i>Director of Corporate Safety and Health, Kaiser Aluminum</i>
3:30 PM	<b>Adjourn</b>	

TENTATIVE AGENDA · SUBJECT TO CHANGE