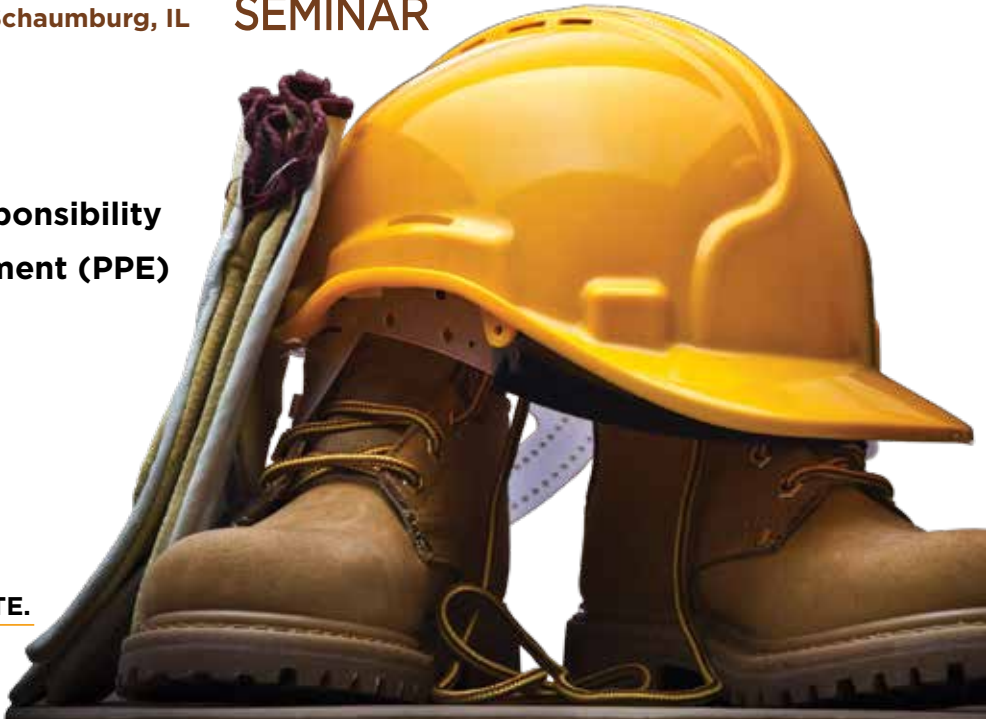


AFS SAFETY 101

BOOTCAMP

April 7-9, 2015 • AFS Technical Center • Schaumburg, IL SEMINAR

- **Confined Spaces**
- **Hazards of Electricity**
- **Contractor Safety and Responsibility**
- **Personal Protective Equipment (PPE)**
- **Recordkeeping**
- **Melt Deck Safety**
- **Fall Protection**



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Agenda

TUESDAY, APRIL 7, 2015

8:00 a.m.

REGISTRATION

8:20 a.m.

WELCOME

8:30 a.m.

CONFINED SPACES

Kim Voss, Waupaca Foundry, Inc., Waupaca, WI

- ★ Identification of Your Foundry's Confined Spaces
- ★ Determining if Your Space Is Permit Required
- ★ Common Foundry Confined Spaces and Entry Practices
- ★ Training for Employees on Safe Confined Space Entry
- ★ Practical Application

10:00 a.m.

BREAK

10:10 a.m.

ELECTRICAL SAFETY/LOCK-OUT TAG-OUT/ ARC FLASH- NFPA 70E

*John "Grizzly" Grzywacz, OSHA Professor,
Schaumburg, IL*

- ★ What Are the Hazards of Electricity?
- ★ Which Electrical Hazard Is Predominately Responsible for Accidents & Fatalities to Electrical Workers?
- ★ Some Common Hazards & the Importance of Grounding for Electrocution Protection
- ★ To Who Does NFPA 70E (OSHA's Electrical Safety Related Work Practice Standards) Apply?
- ★ What Does OSHA & NFPA 70E Require for Compliance?
- ★ Some Key Requirements of NFPA 70E & OSHA
- ★ Compliance Considerations for Selecting and Applying Lock-out/Tag-out Standards

12:10 p.m.

LUNCH

12:50 p.m.

CONTRACTOR SAFETY

Kim Voss, Waupaca Foundry, Inc., Waupaca, WI

- ★ What Responsibility Does Your Company Have When They Hire a Contractor?
- ★ Pre-job Meetings—When? Why? and What to Include?
- ★ Dealing With Non-compliant Contractors
- ★ Temp Agency Workers—Are They Contractors?

1:20 p.m.

HEAT STRESS

*Kim Voss, Waupaca Foundry, Inc., Waupaca, WI
John Richardson, Lee Brass, Anniston, AL*

- ★ Real Life Solutions for Beating the Heat in Our Foundries

1:50 p.m.

BREAK

2:00 p.m.

MACHINE GUARDING & ASSESSMENTS/ROBOTS

Mike Parker, CSP, McWane, Inc., Coshocton, OH

- ★ Identify Common Hazards Associated with Machine Guarding
- ★ Describe Basic Guarding Concepts & Techniques
- ★ Identify General Machine Guarding Standards & Requirements
- ★ Discuss Control Reliable Safety Circuits for Machine Guarding

3:00 p.m.

PPE/EYE PROTECTION— WORKING WITH AFS's PPE GUIDE

*Glenn Huneycutt, Charlotte Pipe & Foundry Co.,
Charlotte, NC*

Tom Slavin, Slavin OSH Group, LLC, Chicago

- ★ Conducting PPE Assessments
- ★ Selection of PPE (Eye, Face, Hand, Head, Foot, Body, Ear)
- ★ Primary and Secondary Protection for Molding, Coremaking, Melting, Pouring, Finishing, Maintenance & Machining
- ★ Setting Up a PPE Program

4:00 p.m.

Q & A ON MATERIAL COVERED ON DAY 1

WEDNESDAY, APRIL 8, 2015

7:30 a.m.

CONTINENTAL BREAKFAST

8:15 a.m.

INDUSTRIAL HYGIENE

*Kay Rowntree, Industrial Hygiene Sciences, LLC,
Waterford, WI*

Tom Slavin, Slavin OSH Group, LLC, Chicago

- ★ Overview of Major Chemical Hazards in Foundries Including Silica, Metals, Carbon Monoxide (CO) and Organic Compounds
- ★ Respiratory Protection
- ★ Noise and Hearing Conservation
- ★ Hazard Communication Including Changes to OSHA's Standard to Align it with the Globally Harmonized System (GHS) of Classification and Labeling of Chemicals

10:45 a.m.

RECORDKEEPING/ ACCIDENT INVESTIGATION

James Murphy, Harrison Steel Casting Co., Attica, IN

- ★ What the OSHA Standard Requires
- ★ The Recordability Decision Making Process
- ★ Communication Is Key/Educating Your Medical Provider
- ★ Who Has Control/Who Is the Keeper?
- ★ What Is your Accident Investigation Process?
- ★ 5-Why vs. 8-D and Other Root Cause Analysis Tools
- ★ The Documentation Trail
- ★ Root Causes Require Corrective Actions
- ★ The Follow-up

11:30 a.m.

LUNCH

12:20 p.m.

COMMUNICATING SAFETY

*James Murphy, Harrison Steel Casting Company,
Attica, IN*

- ★ Are You a Good Communicator? Take the Test
- ★ Traditional vs. Cutting Edge Communication Tools
- ★ Getting Face-Time With Your Leadership
- ★ Formal vs. Informal Meetings With Floor Leaders
- ★ Annual Planning Improves Safety Communication/Limits Excuses

12:50 p.m.

MANAGEMENT SAFETY SYSTEMS (ANSI Z-10)

Tom Slavin, Slavin OSH Group, LLC, Chicago

- ★ What Is a Management System?
- ★ How it Can Make Your Job Easier?
- ★ Overview of ANSI Z10, OSHAS 18001, VPP, Etc.
- ★ Elements of ANSI Z10
- ★ What to Expect From ISO 45001

1:20 p.m.

MELT DECK SAFETY

*Emad Tabatabaei, Inductotherm Corporation,
Rancocas, NJ*

- ★ The Hazard Zone Around an Induction Furnace
- ★ Furnace Refractory as the Molten Metal Container & the Importance of Proper Refractory Selection, Installation, Sintering & Maintenance
- ★ Furnace Bridging & Its Hazards
- ★ Primary Causes of Metal Splash & Eruption
- ★ Primary Protection From Molten Metal Splash & Eruption

2:00 p.m.

BREAK

2:10 p.m.

POWER INDUSTRIAL TRUCKS (FORKLIFTS, ETC.)

*Glenn Huneycutt, Charlotte Pipe & Foundry
Company, Charlotte, NC*

- ★ Benefits for Having These Vehicles in Your Facility
- ★ Overview of the Training Elements
- ★ Resources for Developing a P.I.T. Program

2:40 p.m.

NEW MACHINE/EQUIPMENT SAFETY CHECK LIST (RELEASE TO PRODUCTION)

*James Murphy, Harrison Steel Casting Company,
Attica, IN*

- ★ Develop a Process (Checklist) Approved by Leadership
- ★ Get Involved Early in the Process
- ★ Understanding the Importance of the Preliminary Hazard Assessment (PHA)
- ★ Post the Checklist Through Construction
- ★ Final Sign-off and Follow-up

3:10 p.m.

Q & A ON MATERIAL COVERED ON DAY 2

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THURSDAY, APRIL 9, 2015

8:00 a.m.

CONTINENTAL BREAKFAST

9:00 a.m.

ERGONOMICS FOR METALCASTERS

Jill Kelby, Kelby Ergo Design, Eden Prairie, MN

- ★ Overview of the Fundamentals of Ergonomics & Human Factors
- ★ Where, When & How Ergonomics Fits Into Foundry Operations

10:00 a.m.

BREAK

10:10 a.m.

O.H. CRANES/HOISTS/CHAINS/SLINGS

Roger Graham, Crane Werks, Morristown, IN

- ★ Overhead Crane Overloading
- ★ Lifting at an Angle
- ★ Upper Limit
- ★ Crane Inspections

10:40 a.m.

FALL PROTECTION

John Corriveau, Lighthouse Safety, LLC, Brookfield, WI

- ★ Overview of ANSI Z359-2014 Fall Protection Standard
- ★ Changes Expected to ANSI 2359 in 2015
- ★ Engineered Fall Protection Systems and Their Requirements
- ★ How to Incorporate the New Standard Requirements Into Your Existing Program and Contractor Requirements
- ★ A Look at What Other Companies Are Doing for Aerial Lift Fall Protection

11:10 a.m.

FINAL Q & A ON MATERIAL COVERED ON DAYS 1, 2 & 3

11:30 a.m.

SEMINAR ENDS

— AFS SAFETY 101 —
BOOTCAMP
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Hotel: Attendees have their choice from the following hotels:

Hyatt Place Chicago/Schaumburg—1851 McConnor Pkwy Schaumburg, IL. Reservations: 877/574-7260. Be sure to mention AFS Safety 101 to receive the group rate of \$110. Offered in the room rate is complimentary Wi-Fi, hot continental breakfast buffet, complimentary shuttle within a 3 mile radius, 24 hour made-to-order menu items, pool, spa and fitness center. The group block cut-off date is Monday, March 16th.

Holiday Inn Express—1550 N. Roselle Rd., Schaumburg, IL 60195. Reservations 847/310-0500. Mention you are with the American Foundry Society to receive a discounted room rate of \$82.00 single/double. Daily hot breakfast, manager's reception Monday-Thursday, fitness facility, room service from the Snuggery and complimentary shuttle service within a 5-7 mile radius

Comfort Suites—1100 E. Higgins Rd., Schaumburg, IL 60173. Reservations 847/330-0133 or 877/424-6423. Mention you are with American Foundry Society to receive a discounted room rate of \$69.00 King/Queen.

This hotel features complimentary breakfast buffet, complimentary high speed internet access, complimentary parking, shuttle service, complimentary manager's reception Monday-Wednesday 5-7:00 p.m., complimentary access to Lifetime Fitness and 15% discount at the Tilted Kilt. Reservations must be cancelled 24 hours prior to arrival.

Cancellations and Substitutions: Substitutions will be accepted anytime. However, cancellations of confirmed registrants with full refund of fees will not be accepted unless received at least two weeks prior to the conference date. In the unlikely event the conference is canceled for any reason, AFS liability is limited to the return of the registration fee.

Registration Fees

AFS Member \$595 • Non-AFS Member \$750

Name _____

Title _____

Company _____

Address _____

City/State/Zip _____

Phone _____ Fax _____

E-mail _____

AFS Membership # (if applicable) _____

Check enclosed

Charge my : American Express MasterCard Visa

Card Number _____

Expiration Date _____

Authorized Signature _____

For additional registrants, copy this form.

RETURN FORM TO:

American Foundry Society, 35169 Eagle Way, Chicago, IL 60678-1351
Contact AFS Customer Service at 800/537-4237 Fax: 847/824-7848