



IGNITABLE COATING OPERATIONS:

Preventing Fires, Explosions and Toxic Exposures

MARCH 19, 2015

LOCATION

Finishing Trades Institute NW
South Seattle College Georgetown
6737 Corson Ave S
Building E
Seattle, WA 98106
www.southseattle.edu

ACCREDITATION

American Board of
Industrial Hygiene
Certification Maintenance can
be obtained for this activity.
Visit www.abih.org for criteria.

REGISTRATION

Register Online at
osha.washington.edu
or by calling the Northwest
Center at 206-543-1069

Standard fee: \$195
After March 5: \$245
Government: \$145
After March 5: \$195
Student: \$95
After March 5: \$145

INFORMATION

206-543-1069 or
800-326-7568
ce@uw.edu
osha.washington.edu

The University of Washington Department of Environmental and Occupational Health Sciences (UW DEOHS) Continuing Education Programs is offering professional development training on the primary hazards associated with the use of "ignitable coatings," such as paint, lacquers, and sealants. The use of these materials can result in explosions, fires, and adverse health effects due to skin contact or inhalation of uncured coatings when ventilation and other protective measures are inadequate. These issues can occur in the complicated and unique "temporary" worksites with multiple independent crews and hectic schedules that exist at many construction sites, maintenance settings, and maritime operations. Recent incidents in the Northwest show all too well that the consequences of poorly ventilated spray operations and uncontrolled ignition sources can result in fires, explosions, serious injuries, and even death.

COURSE HIGHLIGHTS

The key to prevention is learning to be proactive. Toward that goal, the highlights of this course include:

- Setting up and enforcing a site-specific safety plan to control the risks associated with ignitable coating operations.
- Training and site workforce communication.
- Improving approaches for ventilation of spray operations, controlling sources of ignition, and implementing safe work practices.
- Using a virtual booth to provide a first-hand experience on maximizing spraying efficiency and minimizing overspray to reduce the amount of ignitables and toxic substances released into the air.

For additional course details, visit osha.washington.edu

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AGENDA MARCH 19, 2015

- 7:30–7:55 am **Registration**
- 7:55–8:00 **Welcome**
Mandi Kime, Course Director
Director of Safety, Associated General Contractors of Washington (AGC of WA)
- 8:00–8:30 ***Spray Operation Cases: Fires, Explosions and Toxic Exposures...Unprevented***
John Stebbins, CSP, CIH
Industrial Hygiene Compliance Officer, DOSH, Washington Department of Labor & Industries (WA L&I)
- 8:30–9:00 ***Ignitable, Flammable, Toxic: Definitions and Overview of Risks***
Anne Bracker, MPH, CIH
Occupational Hygienist, Connecticut-OSHA
- 9:00–9:30 ***Substitution: Selecting Safer Coating Materials***
Larry Garcia
Senior Environmental Analyst, Seattle City Light
- 9:30–9:45 Break
- 9:45–11:15 ***Ventilation and Equipment to Prevent Fire and Explosion***
John Carlson
Vice President, Integrity Safety Services, Inc.
- 11:15–12:15 pm ***Work Practices and PPE to Prevent Toxic Exposures***
Anne Bracker, MPH, CIH
Occupational Hygienist, Connecticut OSHA
- 12:15–1:00 Lunch
Two Workshops - Afternoon workshops will be repeated. Select A or B, then rotate to the next workshop.
- 1:00–2:10 ***Workshop A: Site Planning: Hands-on Set-up of a Safe Painting Station*** Room 230
John Carlson
Vice President, Integrity Safety Services, Inc.
- 2:15–3:35 ***Workshop B: Techniques to Improve Spray Paint Efficiency: a "Virtual" Experience*** Room 370A
Ken Grimm
Industry Outreach Manager, Pacific Northwest Pollution Prevention Resource Center (PPRC)
- 3:40–4:50 ***Site Workforce Communication: Working Together to Implement Effective Site Specific Safety Plans***
Greg Hamilton, Paint Shop Crew Chief, Port of Seattle
Mandi Kime, Director of Safety, AGC of WA
- 4:50–5:00 **Closing and Evaluation**

INTENDED AUDIENCE

Contractors, site supervisors, painting supervisors, maintenance supervisors, property owners, coatings specialists, safety professionals, industrial hygienists, safety committee members. This course is open to both union and non-union attendees.

PLANNING COMMITTEE

Venetia Runnion, CIH, CSP, WA L&I

Don Lofgren, MPH, CIH, UW Field Research and Consultation Group

John Stebbins, CIH, CSP, WA L&I

Trent Elwing, BSChE, WA L&I

Nancy Simcox, MS, UW DEOHS Continuing Education Programs

Mandi Kime, AGC of WA

Ken Grimm, PPRC

Greg Hamilton, Port of Seattle

David Epstein, Port of Seattle

SUPPORTED BY

Associated General Contractors of Washington (AGCWA), Pacific Northwest Pollution Prevention Resource Center (PPRC) and Finishing Trades Institute Northwest

COURSE DIRECTOR



Mandi Kime
Director of Safety
Associated General Contractors of Washington

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NOTES



CONTINUING EDUCATION PROGRAMS

NORTHWEST CENTER FOR OCCUPATIONAL HEALTH AND SAFETY

Department of Environmental and Occupational Health Sciences
University of Washington School of Public Health

To request disability accommodation, contact the Disability Services Office at least 10 days in advance at: 206-543-6450 (voice); 206-543-6452 (TDY); 206-685-7264 (FAX); or dso@u.washington.edu (e-mail)