INLAND SPILL PREVENTION, PREPAREDNESS AND RESPONSE

April 14-15, 2014
The Westin Oaks Houston at the Galleria
Houston, TX

Photo Credit: WikiUser: Bikya Masr
INLAND SPILL PREVENTION, PREPAREDNESS AND RESPONSE
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OVERVIEW

This course will address inland oil spill prevention preparedness, and response management for all regulated inland facilities and operations. Attendees will gain an understanding of the statutes and regulations pertaining to the transportation of oil via pipelines, bulk rail, storage and transfer facilities, loading terminals, refineries and all other exploration and production facilities in order to better diminish the likelihood of an onshore spill and avoid penalty. The course will assess other essential elements of spill prevention and preparedness: engineering controls, personnel training and awareness, facility and equipment inspection, risk and hazard assessment and response plans.

Attendees will become better prepared to set strategic objectives in order to mitigate damage in the event of a spill. This course will provide an overview of response management, including the latest assessment, containment, recovery and monitoring techniques. The course will conclude with a workshop that will offer attendees the opportunity to gain hands-on experience designing, conducting and then evaluating an oil spill response management plan for inland spills.

WHO SHOULD ATTEND

- Onshore oil and gas producers
- Pipeline operators
- Refineries
- Drilling companies
- Engineering firms
- Transportation and rail companies
- Public relations firms with oil and gas clients
- Environmental service and consulting companies
- Regulatory officials
- Oil and gas crisis management team members and consulting firms
- Spill co-ops
- Local and regional emergency planning professionals
- Oil/hazmat spill association members
- Research and development oil and gas professionals

LEARNING OUTCOMES

- Evaluate the statutes and regulations pertaining to inland exploration and production facilities and activities, including Clean Water Act, CERCLA and OPA 90
- Describe the essential elements for onshore spill prevention, including design and construction, facility and equipment inspection, testing and maintenance, personnel training and engineering controls for pipelines, rail cars, tank trucks, and oil storage, processing and transfer facilities
- Assess risk and hazard potential of inland spills
- Discuss what is required, recommended and optional regarding response organization
- Distinguish between regulatory and non-regulatory oil spill response plans
- Conduct resource analysis and evaluate capabilities with regards to inland spill response
- Explain oil spill response management, including the process for setting strategic objectives and establishing a command center
- Compare inland oil spill response techniques, including mechanical containment and in-situ burning and bioremediation
- Discuss considerations for onshore cleanup, assessment and monitoring
- Design, conduct and evaluate oil spill response management plans for inland spills
AGENDA

Monday, April 14, 2014

8:00 – 8:30 a.m.  Registration and Continental Breakfast

8:30 – 9:30 a.m.  Statutes and Regulations

• Focus on Oil Spill Prevention, Preparedness and Response for All Regulated Inland Facilities and Operations, Including:
  • Pipelines
  • Bulk Rail
  • Bulk Storage and Transfer Facilities
  • Loading Terminals
  • Refineries
  • Other Exploration and Production Activities and Facilities

• Statutes
  • Clean Water Act
  • CERCLA
  • OPA 90

• Regulations
  • Reporting Requirements in the United States
  • Spill Prevention Readiness and Response Regulations
  • NRDA
  • HAZWOPER

9:30 – 11:00 a.m.  Spill Prevention

• Essential Elements for Spill Prevention
  • Design and Construction
  • Engineering Controls
  • Personnel Training & Awareness
  • Facility and Equipment Inspection, Testing and Maintenance
  • Operational Procedures to Prevent Spills
  • Other Considerations

• Pipelines
• Rail Car
• Tank Truck
• Oil Storage, Processing and Transfer Facilities
Monday, April 14, 2014 (CONTINUED)

11:00 a.m. – 12:00 p.m.  Spill Preparedness

- Risk and Hazard Assessment for Inland Spills
- Response Organization
  - What is Required, Recommended and Optional
  - Introduction to the Incident Command System and Concept of Unified Command
- Response Plans
  - Distinguish Between Regulatory vs. Non-Regulatory Plans
  - Elements of a Good Plan for Inland Facilities and Operations

12:00 – 1:00 p.m.  Group Luncheon

1:00 – 2:00 p.m.  Spill Preparedness (Continued)

- Resource Analysis and Capabilities
- Media and Public Liaison
- Use of Volunteers
- Stakeholders
- Training, Drills and Exercises

2:00 – 4:00 p.m.  Spill Response

- Response Management
  - Setting Strategic Objectives
  - Incident Potential
  - Assessment and Meetings
  - Setting up a Command Center
  - Resource Tracking
- Response Safety and PPE
- Oil Characteristics
- Spreading and Transport Factors for Oil Spills on Land
- Response Techniques
  - Mechanical Containment and Recovery
  - In-Situ Burning and Bioremediation
  - No Response Option
- Temporary Storage and Handling, and Waste Disposal
- Decontamination
AGENDA

Tuesday, April 15, 2014

8:00 – 8:30 a.m.    Continental Breakfast

8:30 – 9:00 a.m.    Review and Questions

9:00 – 10:00 a.m.   Hands-On Activity: Oil Spill Response Plans
                    • Design
                    • Conduct
                    • Evaluate

10:00 – 11:30 a.m.  In Class Tabletop Exercise

11:30 a.m. – 12:00 p.m.   Debrief, Assessments and Wrap Up
INSTRUCTORs

Mr. Chang / PCCI, Inc.

Mr. Chang, a Licensed Professional Engineer, Virginia, possesses a B.E. in Mechanical Engineering (1971, New York University) and a M.E. in Environmental Engineering (1981, Penn State University), and has took the EPA SPCC/FRP Inspector Training Course in April, 2010. Mr. Chang has over 35 years of intensive directly related environmental and regulatory support experience, including engineering analyses, and knowledge of USCG, Army, Navy and other Federal Regulations and program management.

Mr Chang also possesses over 35 years of progressively increasing responsibility in environmental engineering, mechanical engineering and regulatory analysis for marine and terrestrial facilities. Mr. Chang is Project Manager for PCCI support to the EPA Office of Emergency Management where he provides technical support to evaluate facility submissions to the EPA requesting exemptions from regulation by the EPA’s oil spill prevention and facility response rules. He also assists in the development of EPA oil spill prevention and response program guidance materials and training materials for the periodic EPA training of the Agency’s regional inspectors. Mr. Chang was also the Program Manager for PCCI’s contract to provide environmental regulatory support to the DOT Office of Pipeline Safety, Pipeline & Hazardous Materials Safety Administration, developing and overseeing a program for accepting, maintaining, reviewing and monitoring onshore pipeline Oil Pollution Act (OPA 90) spill response plans. He also managed the collection, analysis, and reporting of information for PHMSA to carry out its regulatory program, measure program effectiveness, support risk assessments, and respond to pipeline emergency incidents. Mr. Chang also develops, writes and updates facility response plans, oil and hazardous substance spill prevention, control and countermeasures plans and spill contingency plans for U.S. Navy, Defense Fuel Supply Center and commercial facilities.

Rick Muth / Senior Environmental Analyst / PCCI, Inc.

Mr. Muth possesses a Master of Science in Toxicology and Chemistry (1982, University of Michigan) and a Bachelor of Science, Physical Sciences (1978, USCG Academy). He has in-depth knowledge of International and U.S. Coast Guard regulations - occupational safety, marine safety, environmental protection, and hazardous material transportation. Mr. Muth has over 25 years of U.S. Coast Guard leadership, management, pollution response, and marine supervisory experience. At PCCI, he is the Senior PCCI Manager responsible for regulatory safety and hazardous materials transportation and oil spill contingency planning in the Mid-Atlantic region. Mr. Muth developed a Dangerous Goods (DG) Management Plan, a MARPOL Compliance Plan, and Hazardous Materials Transportation Training Plan for the Port of Sohkna, Egypt. He led company efforts to survey bulk fuel facilities for oil spill risks and associated response capabilities and to develop comprehensive oil spill response plans for numerous facilities, as well as conducted training and exercises.
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INSTRUCTIONAL METHODS

PowerPoint presentations and workshops will be used in this course.

REQUIREMENTS FOR SUCCESSFUL COMPLETION OF PROGRAM

Participants must sign in/out each day and be in attendance for the entirety of the course to be eligible for continuing education credit.

IACET CREDITS

EUCI has been approved as an Authorized Provider by the International Association for Continuing Education and Training (IACET), 1760 Old Meadow Road, Suite 500, McLean, VA 22102. In obtaining this approval, EUCI has demonstrated that it complies with the ANSI/IACET Standards, which are widely recognized as standards of good practice internationally.

As a result of its Authorized Provider membership status, EUCI is authorized to offer IACET CEUs for its programs that qualify under the ANSI/IACET Standards.

EUCI is authorized by IACET to offer 1.0 CEUs for the course.

EVENT LOCATION

A room block has been reserved at The Westin Oaks Houston at the Galleria, 5011 Westheimer at Post Oak, Houston, TX 77056, for the nights of April 13 - 15, 2014. Room rates are $189, plus applicable tax. Call (713) 960-8100 for reservations and mention the EUCI course to get the group rate. The cutoff date to receive the group rate is March 30, 2014, but as there are a limited number of rooms available at this rate, the room block may close sooner. Please make your reservations early.

PROCEEDINGS

The proceedings of the course will be published, and one copy will be distributed to each registrant at the course.
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PLEASE REGISTER THE FOLLOWING

☐ INLAND SPILL PREVENTION, PREPAREDNESS AND RESPONSE
APRIL 14-15, 2014: US $1395
EARLY BIRD ON OR BEFORE APRIL 4, 2014: US $1195

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How did you hear about this event? (direct e-mail, colleague, speaker(s), etc.)

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Job Title

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What name do you prefer on your name badge?

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Account Number

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Billing Address

Billing City

Billing State

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Billing Zip Code/Postal Code

Exp. Date

Security Code (last 3 digits on the back of Visa and MC or 4 digits on front of AmEx)

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OR Enclosed is a check for $______________ to cover ______________ registrations.

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All cancellations received on or before March 14, 2014, will be subject to a US $195 processing fee. Written cancellations received after this date will create a credit of the tuition (less processing fee) good toward any other EUCI event or publication. This credit will be good for six months. In case of event cancellation, EUCI’s liability is limited to refund of the event registration fee only. For more information regarding administrative policies, such as complaints and refunds, please contact our offices at (201) 871-0474.

EUCI reserves the right to alter this program without prior notice.