API/NFPA Safe Tank Entry Workshop

October 10-11, 2022
San Diego, California, USA

Presented by:
Lawrence Russell, National Fire Protection Association
Lamar Labauve, Delta Laboratory & Gas Testing

Monday, October 10, 2022	
7:00 AM – 8:00 AM	**Registration Opens / Continental Breakfast**
10:30 AM – 10:45 AM	**Mid-Morning Break**
12:00 PM – 1:00 PM	**Lunch**
2:30 PM – 2:45 PM	**Afternoon Break**
5:00 PM – 6:00 PM	**Workshop Opening Reception**

8:00 AM – 5:00 PM	**Safe Tank Entry Program – Day 1**

1. Introduction
2. Pre-test, Self-assessment
3. Case Studies – Lessons Learned
4. Confined Space Hazard Identification and Recognition
   a. Atmospheric Hazards – Oxygen, Flammability, Toxicity
   b. Physical and Mechanical Hazards
5. Confined Space Classification
   a. Types of Spaces
   b. Safety Designations
6. Confined Space Safe Practices – Program Outline
   a. OSHA Permit-Required Confined Space Standard
   b. Designated Personnel – Attendant, Entrant, Entry Supervisor
7. API 2015 and API 2019
   a. Standard Operating Procedures – Industry Best Practices
   b. Common Operations – Decommissioning, Hot Work Repairs, Inerting

Tuesday, October 11, 2022	
7:00 AM – 8:00 AM	**Registration Opens / Continental Breakfast**
10:30 AM – 10:45 AM	**Mid-Morning Break**
12:00 PM – 1:00 PM	**Lunch**
2:30 PM – 2:45 PM	**Afternoon Break**
5:00 PM – 6:00 PM	**Workshop Closing Reception –** *Exhibit Area*

8:00 AM – 5:00 PM	**Safe Tank Entry Program – Day 2**

1. Hazard Evaluation
    a. Atmospheric Monitoring – Qualified Atmospheric Tester
    b. Atmospheric Thresholds – Including TLV for Diesel Fuel, Jet Fuel, and Hydrogen Sulfide
    c. Monitoring Devices – Sensor Theory, Operation, Limitations, Maintenance
    d. Instrument Calibration
    e. Hands-on Exercises – Simulated Testing Scenarios
2. Hazard Control
    a. Permits – Practice Exercises
    b. PPE
3. Post-test, Self-assessment
4. Course Closing, Evaluations

5:00 PM – 6:00 PM	**Workshop Closing Reception**