

API/NFPA Safe Tank Entry Workshop

October 20-21, 2025

Sheraton Phoenix Downtown, Phoenix, Arizona

Presented by:

Lawrence B. Russell, National Fire Protection Association

Monday, October 20, 2025

7:00 AM – 8:00 AM **Registration Open / 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**

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

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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**