



Confined Space Rescue: Permit-Required and Non-Permit Course Overview

This comprehensive training course equips participants with the knowledge and skills to safely respond to emergencies in permit-required confined spaces. It focuses on rescue and emergency services requirements under OSHA 1910.146(k), which mandates evaluation, training, equipment, and practice for designated rescuers, supplemented by best practices from NFPA 350 (Guide for Safe Confined Space Entry and Work). The course emphasizes hazard recognition, non-entry and entry rescue techniques, timely response, and minimizing risks to both entrants and rescuers in confined spaces such as tanks, silos, vaults, pits, and pipelines.

Key Learning Objectives

- Evaluate and select appropriate rescue services or teams per OSHA 1910.146(k)(1).
- Identify confined space hazards (atmospheric, engulfment, mechanical, etc.) and implement controls.
- Understand non-entry rescue using retrieval systems and entry rescue procedures.
- Demonstrate proficiency in rescue equipment use, patient packaging, and extraction methods.
- Practice simulated rescues to meet annual requirements under OSHA 1910.146(k)(2)(iv).
- Develop and implement emergency response plans, including summoning external services.
- Apply NFPA 350 best practices for hazard elimination, ventilation, monitoring, and tiered rescue response.



Course Details

Course Code: CON-RES-102

Prerequisites: Basic understanding of confined space hazards and OSHA 1910.146 (Permit-Required Confined Spaces) entry procedures (recommended: prior completion of confined space awareness or entry training).

Physical fitness for hands-on rescue simulations (able to wear PPE, work in confined environments, and perform rescue tasks).

Format: Instructor-Led Training

Duration: Approximately 16–24 hours (typically 2–3 days), including classroom instruction, hands-on skills practice, and scenario-based simulations. Duration can be adjusted for refresher or awareness-level focus.

Certification: Participants who successfully complete the course, including written exam and practical skills demonstration, receive a certificate of completion valid for 1–2 years (renewal recommended annually via refresher training to align with OSHA practice requirements). Certification aligns with OSHA 1910.146(k) rescue training mandates and NFPA 350 guidelines.

Target Audience: Designated in-house rescue team members or emergency response personnel.

Safety professionals, industrial hygienists, and EHS managers responsible for confined space programs.

Workers in industries such as manufacturing, utilities, construction, wastewater, oil & gas, and chemical processing who may serve as rescuers.



Compliance:

This course meets or exceeds key requirements of:

OSHA 29 CFR 1910.146(k) — Rescue and emergency services, including team evaluation, training, PPE provision, proficiency in rescue duties, and annual simulated practice rescues.

NFPA 350 — Best practices for safe confined space entry and work, including hazard identification/control, ventilation, atmospheric monitoring, rescue planning, and tiered response approaches.

It supports employer obligations to ensure timely, capable rescue capabilities and prevent unauthorized rescue attempts.

Why Take This Course?

Confined space emergencies can result in multiple fatalities if rescue is delayed or improperly executed, often due to inadequate planning or untrained responders. This course provides practical, standards-based training to reduce risks, ensure regulatory compliance, and build confidence in handling life-threatening situations. Proper preparation minimizes injuries to rescuers (a common secondary hazard) and fulfills legal duties to provide effective emergency services.

*For group rates or customized training, contact us at info@renewsafety.com