

€ TRAINING

OPITO Confined Space Entry and Rescue





OPITO Confined Space Entry and Rescue

Introduction:

This program is designed to prepare participants for the certification exam only.

Working in confined spaces presents serious hazards due to limited access, restricted airflow, and the potential for hazardous atmospheres. Industries such as oil and gas, construction, and manufacturing require specialized procedures to ensure safe entry, continuous monitoring, and emergency preparedness for workers operating in these environments. OPITO Offshore Petroleum Industry Training Organization standards set internationally recognized safety and competency frameworks for workers in hazardous offshore and industrial environments, ensuring compliance with best practices in confined space operations. This training program provides a structured approach to confined space safety, risk assessment, and emergency response. It covers safe entry protocols, atmospheric testing, communication systems, and the use of protective equipment.

Program Objectives:

By the end of this program, participants will be able to:

- Identify confined space hazards and apply risk control measures.
- Utilize safe entry procedures and atmospheric monitoring techniques.
- Develop emergency response strategies for confined space rescues.
- Gain the required skills to operate rescue equipment and perform extraction procedures safely.
- Prepare effectively for the OPITO Confined Space Entry and Rescue exam.

Targeted Audience:

- Completions and Commissioning Leads.
- Oil & Gas Offshore Professionals.
- Project Managers and Supervisors.
- Emergency Response and Rescue Teams.
- HSE Officers and Safety Managers.

Program Outline:

Unit 1:

Confined Space Entry and Risk Management:

- Definition and classification of confined spaces in hazardous industries.
- Hazard identification methods, including atmospheric, structural, and operational risks.
- Entry permit systems and safety protocols for confined spaces.
- Gas detection and atmospheric monitoring techniques.
- Ventilation and control measures used for hazardous atmospheres.
- Incident documentation and compliance requirements for confined space operations.

Unit 2:

Safe Entry Procedures and Emergency Protocols:

- Pre-entry assessments and risk evaluation methods for confined space work.
- Overview of personal protective equipment PPE and self-contained breathing apparatus SCBA.
- Communication systems and team coordination techniques inside confined spaces.
- Emergency shutdown, evacuation protocols, and rescue activation procedures.
- Incident prevention strategies and the role of continuous safety improvement.
- Regulatory compliance frameworks for confined space safety.

Unit 3:

Confined Space Rescue Techniques and Equipment:

- Rescue team responsibilities and response coordination.
- The proper use of rescue harnesses, tripods, and retrieval systems for confined spaces.
- Techniques for rescuing unconscious workers and restricted-access extrication.
- How to handle vertical rescues and challenges in confined space extraction.
- Post-rescue care and casualty handover procedures for medical response teams.
- Key activities required for developing structured frameworks for safety drills and competency evaluation.

Unit 4:

Working at Height and High-Risk Rescue Operations:

- Risk factors when working at height in confined spaces.
- Fall protection systems, including harnesses, lanyards, and anchor points.
- Rope access and high-angle rescue techniques.
- Emergency procedures for height-related incidents.
- Compliance with OPITO and industry safety regulations for high-risk environments.
- Effective coordination techniques with emergency responders for height-related rescue scenarios.

Unit 5:

Exam Preparation for Confined Space Operations:

- Comprehensive review of exam format and structure..
- Reviewing key topics and areas of emphasis in the exam syllabus.
- Sample exam questions and their potential answers.
- Resources and study materials for exam preparation.

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