



HSE149

Safety in Oil and Gas Plant Operations

Course Introduction:

This safety, health and environmental training program is designed for members of safety staff in the petroleum industry. This training course emphasizes the value of the major program elements found in oil, gas and petroleum safety programs and concentrates on the development and implementation of the petroleum safety industry safety program, hazard assessment, inspection skills and auditing are also addressed as necessary elements in developing an effective a safety program.

Course Objectives:

Upon successful completion of this course, the delegates will be able to:

- Discuss safety operations in oil and gas plants
- Identify the standards, principles, policies, requirements and management planning and programs in health, safety and environment
- Implement investigation, reporting and record keeping in order to maintain safety, hygiene and environmental protection
- Recognize and obtain OSHA permit requirements in practicing proper rescue procedure
- Determine OSHA codes and values and its importance in safety

Who Should Attend?

This course is intended for oil companies, pipeline, refinery, exploration and production company employees were managing and operating petroleum facilities, persons managing customer location petroleum storage depots EHS officers and managers in oil companies, refinery, pipeline, and exploration companies. Also, officers from government ministries and regulatory agencies with responsibilities in EHS regulation and HSE consultants.

Course Outline:

Day 1:

Pre-Test

- Occupational Safety and Health Standards for the Oil and Gas Industry
- HSE Principles and Policy Development
- Compliance & Other Requirements (EMC Act, EIA, EA and others)
- Risk assessment And Management
- HSE Management Planning and Programs

- HSE Training

Day 2:

- Investigation Reporting and Record Keeping
- Industrial Safety
- Industrial Hygiene
- Occupational Health
- Environmental Protection
- Fire Safety

Day 3:

- HSE Auditing
- OSHA Permit-Required Confined Space Entry
- Confined Space Rescue
- High Angle Rescue
- OSHA Electrical Standards
- OSHA Fall Arrest Systems

Day 4:

- OSHA Industrial Hygiene
- Process Safety Management
- OSHA Machinery & Machine Guarding Standards
- OSHA Respiratory Protection
- OSHA Introduction to Accident Investigation

Day 5:

- Fire Safety
- Hazardous Materials
- Cranes & Rigging
- Scaffolding
- HSE Principles and Policy Development

Post Test

Course Certificate:

International Center for Training & Development (ICTD) will award an internationally recognized certificate(s) for each delegate on completion of training.

Course Methodology:

A variety of methodologies will be used during the course that includes:

- (30%) Based on Case Studies
- (30%) Techniques
- (30%) Role Play
- (10%) Concepts
- Pre-test and Post-test
- Variety of Learning Methods
- Lectures
- Case Studies and Self Questionnaires
- Group Work
- Discussion
- Presentation

Course Fees:

To be advised as per the course location. This rate includes participant's manual, Hand-outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

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International Centre For Training & Development

Course Timings:

Daily Course Timings:

08:00 - 08:20	Morning Coffee / Tea
08:20 - 10:00	First Session
10:00 - 10:20	Coffee / Tea / Snacks
10:20 - 12:20	Second Session
12:20 - 13:30	Lunch Break & Prayer Break
13:30 - 15:00	Last Session