

# Accident and Injury Prevention for Petroleum Workers

## INTRODUCTION

- Oil and gas industry workers engage in many activities that may expose them to serious hazards, such as falling from towers, unguarded machinery, being struck by heavy equipment, electrocutions, and silica dust. The information, tools, and resources provided in course are designed to help you, whether you are an employer or employee, to identify, reduce, and eliminate oil and gas-related hazards.
- This training course on Accident and Injury Prevention for Petroleum Workers is also an introduction to the basic elements of an effective Oil and Gas Industry Safety Management System (SMS). This training course demonstrates to employees how to prevent workplace accidents by paying attention to safety and good housekeeping considerations. Good safety awareness + housekeeping can significantly reduce accidents and injuries in any type of work environment.
- By developing good safety habits, and by being aware of their work area and any hazards associated with it, employees can reduce the potential for accidents and injuries. Areas covered in the workshop benefits the employee and provides safety awareness. The training course is divided into a number of logical sections so information is easily understood and retained.

This training seminar will highlight:

- Duties of employers and employees
- Safe working Systems
- Safety Program
- Inspections and Audits
- Safety Meetings and Tool Box Talks
- Hazard Awareness & Abatement
- Accident Investigation & Accident Reporting including Near Miss Incidents
- PPE
- Basic Risk Assessment Principles
- Improved operational Health & Safety

## OBJECTIVES

- Inspection techniques
- Hazard Recognition, Awareness, Abatement & Communication
- Lockout-Tagout
- General H2S Info and its implications
- Accident Investigations

## TRAINING METHODOLOGY

- Participants to this Accident and Injury Prevention for Petroleum Workers training seminar will receive a thorough training on the subjects covered by the seminar outline with the instructor utilizing a variety of proven adult learning teaching and facilitation techniques. Seminar methodology includes:
  - (30%) Based on Case Studies
  - (30%) Techniques
  - (30%) Role Play
  - (10%) Concept
- Pre-test and Post-test
- Variety of Learning Methods
- Lectures
- Case Studies and Self-Questionnaires
- Group Work
- Discussion
- Presentation
- This Accident and Injury Prevention for Petroleum Workers training course will combine presentations with instructor-guided interactive discussions between participants relating to their individual interests. Practical exercises, video material and case studies aiming at stimulating these discussions and providing maximum benefit to the participants will support the formal presentation sessions.

## ORGANISATIONAL IMPACT

- Effectively managing hazards in the oil and gas industries has wide-reaching benefits for all stakeholders, including the employees, contractors, and the public. Effective implementation and knowledge of risks and hazards helps prevent injury, loss of life, and property and environmental damage.
- A positive and caring image
- Improved staff morale
- Reduced staff turnover
- Reduced absenteeism
- Increased productivity
- Reduced health care / insurance costs
- Reduced risk of fines and litigation

## PERSONAL IMPACT

- Enhanced self-esteem
- A safe and healthy work environment
- Reduced stress
- Improved morale
- Increased job satisfaction
- Increased skills for health protection
- Improved health
- Improved sense of well-being

## WHO SHOULD ATTEND?

This training course is suitable to a wide range of professionals but will greatly benefit:

- Health and Safety Representatives
- Supervisors and Lead Hands
- Maintenance Staff
- Managers
- Others responsible for health and safety in the workplace

## Course Outline

### Introduction to Safety Basics

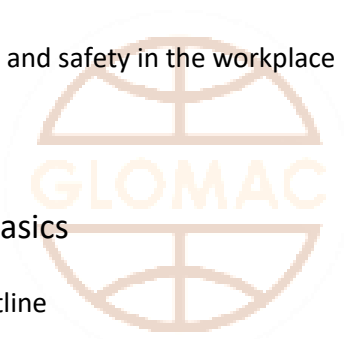
- Introductions and Course Outline
- Safety Programs
- Inspections and Audits
- Safety Meetings
- Hazard Awareness

### Roles and Responsibilities

- The Duties of the Employer
- The Duties of the Employee
- Hazard Abatement
- Accident Investigation
- Accident Reporting
- PPE

### Awareness

- Inspection Techniques
- Hazard Recognition
- Hazard Awareness



## Understanding Hierarchy

- The Safety Culture
- Writing Safety Policies and Programs
- Working with Contractors
- Hierarchy of Control Strategies
- Employee and Management Involvement in Safety
- Safety Management System (SMS) and Wellsite Analysis

## Understanding Hazards and Controls

- Hazard Prevention and Control
- Safety Education and Training
- Conducting On-The-Job Training
- Steps to Identify OSHA Requirements

