Process Safety (PHA)

Course Price

£3050

Course Description

Course Objectives

- Introduce process safety and establish its role in today’s industry
- Introduce skills in the recognition of process safety hazards
- Introduce skills in the control of process safety hazards
- Provide process safety management skills for Supervisors, Engineers, Facility Managers, etc
- Introduce process safety management techniques
- Define process safety management

Who Should Attend

All involved in doing and supervising any maintenance or shut-down work

Course Content

Day 1

Hydroblasting and Pressure Washing

- Scope and Purpose
- Benefits
- Application
- Safety requirements
- PPE
- Applicability and Criteria
- Roles and Responsibilities

Elevated Work

- Scope and Purpose
- General Requirements for Elevated Work
- Roles & Requirements
Day 2

Isolation of Energy (Red Tag Management/ Lock out Tag out)

- Scope and Purpose
- Energy Sources and Isolating Devices
- Isolation of energy devices (Option: tailored to client procedures)
- Lock out / Tag Out (Option: tailored to client procedures)
- Reconciliation

Day 3

Line and Equipment Opening (LEO)

- Scope and Purpose
- Permits (Option: tailored to client procedures)
- LEO begins and ends
- An incident (Example and discussion)
- Root cause
- Tags used (Option: tailored to client procedures)
- Clearing Techniques.
- Best Practices

CSE Confined Space Entry

- Scope and Purpose
- Spaces designed for continuous occupancy
- General Requirements
- Terms used
- Roles. (Option: tailored to client procedures)

Day 4

Hot work

- Scope and Purpose
- Types of hot work
- Area Classification
- Roles (Option: tailored to client procedures)

Day 5

Activity writing SWP (Safe Work Permit)
• Scope and Purpose.
• Requirements
• Delegation of Authority
• Exempt Process
• SWP filling out (Option: tailored to client procedures)
• Issuer input
• Receiver input
• Joint input after discussion
• LEO (Line and Equipment Opening)
• Hotwork
• Instructions

CPD Unit

Continuing Professional Development

35 HOURS CPD