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CONTROL OF MAJOR ACCIDENT HAZARDS (COMAH) IN REFINERIES

Start Date:	01/02/2027	**End Date:**	05/02/2027
Categories:	Oil & Gas	**Venues:**	Amsterdam
Formats:	In Person	**Instructors:**	

OVERVIEW

This course focuses on the application of COMAH principles to refinery operations. It equips professionals with the skills to identify major accident hazards, develop safety reports, implement prevention measures, and maintain regulatory compliance with COMAH and equivalent frameworks.

OBJECTIVES

By the end of this course, participants will be able to: • Understand the COMAH regulations and their application in refinery environments. • Identify major accident hazard scenarios and assess their impact. • Develop and maintain safety reports and emergency response documentation. • Implement safety management systems to control major hazard risks. • Align refinery practices with global process safety directives and inspection regimes.

COURSE OUTLINE

1. Introduction to COMAH Regulations and Refinery Risk Context 2. Identifying Major Accident Hazards and Scenario Development 3. Safety Report Preparation: Content, Structure, and Justification 4. Safety Management Systems (SMS) and Risk Control Measures 5. Inspection, Auditing, and Continuous Regulatory Compliance

TARGET AUDIENCE

Process safety specialists, compliance officers, refinery managers, and HSE leaders involved in managing major hazard installations.

METHODOLOGY

Legislation walkthroughs, scenario-based planning, SMS audit exercises, and report writing workshops.

CONCLUSION

Participants will be prepared to manage and control major accident hazards within refinery settings through effective risk assessment, planning, and compliance with COMAH or equivalent standards.

DAILY AGENDA

Day 1: Overview of COMAH and Major Accident Regulations

Understanding regulatory intent, key definitions, and global equivalents to COMAH.

Day 2: Hazard Identification and Scenario Analysis

Mapping major accident hazards and developing credible worst-case scenarios.

Day 3: COMAH Safety Reports and Documentation

Structuring and preparing reports to justify safety and emergency preparedness.

Day 4: Safety Management Systems for Hazard Control

Building systems for organizational control of major risks and escalation prevention.

Day 5: Regulatory Oversight and Compliance Assurance

Maintaining compliance through inspections, audits, and performance reviews.

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