

# SAFETY IN PROCESS EQUIPMENT DESIGN AND OPERATION TRAINING

*“Designing Safer Processes for Sustainable Industrial Operations”*

## Schedule

Venue (InHouse)	Fees
At Your Organization Premises	Ask For The Quotation

► **Available delivery methods:** In-House Training

## Introduction

This course provides an in-depth understanding of how safety considerations are integrated into the design, operation, and maintenance of process equipment. It focuses on risk identification, hazard control, and safety optimization throughout the equipment life cycle to ensure compliance and minimize incidents.

## Objectives

- Understand key principles of process safety and equipment design.
- Identify hazards associated with process equipment and operations.
- Apply engineering controls and safety design strategies.
- Evaluate process safety management systems and operational integrity.
- Enhance knowledge of maintenance and inspection requirements for safe operation.

## Why Attend

This training empowers professionals to ensure process safety, reduce operational risks, and maintain compliance with international standards, contributing to safer and more reliable facilities.

## Target Audience

- Process Engineers
- Plant Managers
- Safety Officers
- Maintenance Supervisors
- Design Engineers

## Individual Benefits

- Gain specialized knowledge in process equipment safety.
- Improve analytical and safety design decision-making skills.
- Increase employability in safety-critical industries.

## Organizational Benefits

- Reduced risk of accidents and downtime.
- Improved regulatory compliance and operational performance.
- Enhanced safety culture and employee awareness.

## Instructional Methodology

Interactive lectures, real-world case studies, group exercises, and safety simulations.

## Course Outline

- Module 1: Introduction to Process Safety and Equipment Design
- Module 2: Hazard Identification and Risk Assessment in Equipment Design
- Module 3: Safety Design Principles for Process Equipment
- Module 4: Safe Operation and Maintenance Practices
- Module 5: Process Safety Management and Incident Prevention
- Module 6: Auditing, Inspection, and Continuous Improvement

## Certification

Participants will receive a Certificate of Completion in Safety in Process Equipment Design and Operation Training.

## Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

<p><b>In-House / Customized Training</b></p> <p>Interested in running this course for your team?</p> <p>Please contact us:</p>	<p>TEL:</p> <p><b>+601116373203</b></p>	<p>EMAIL:</p> <p><b>info@mawaevents.net</b></p>
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