MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

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LEADERSHIP IN PROCESS SAFETY MANAGEMENT

"Empowering Leaders to Drive a Strong Process Safety Culture and Operational Risk Discipline""

Schedule

Date	Venue	Fees (Online)
22 – 26 Mar 2026	Online	USD 1500 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

Process Safety Management (PSM) is not only a technical system—it's a leadership responsibility. High-impact leaders create a culture that prevents major accidents, supports operational integrity, and empowers frontline ownership of process safety.

This five-day online training program is designed for senior leaders, managers, and influencers responsible for shaping and sustaining PSM in high-risk industries. It focuses on leading behaviors, systems thinking, risk oversight, communication, and alignment with global standards such as OSHA, CCPS, and Energy Institute frameworks. Through interactive case studies and strategic planning tools, leaders will strengthen their ability to guide, support, and embed sustainable PSM performance .

Objectives

By the end of this course, participants will be able to:

- Define the leader's role in managing and sustaining process safety.
- Integrate PSM into organizational strategy and accountability structures.
- Lead risk-based decision-making across technical and operational domains.
- Enhance reporting, learning, and culture through visible leadership.
- Evaluate process safety effectiveness using governance and KPI tools.
- Support continual improvement through leadership walkdowns and engagement.

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Why Attend

- Understand how to lead process safety beyond compliance.
- Build a culture of transparency, trust, and operational discipline.
- Learn global best practices from high-reliability organizations (HROs).
- Assess and strengthen your organization’s PSM governance and oversight.
- Drive sustainable change in safety behaviors, performance, and learning.

Target Audience

This program is designed for:

- Senior leaders and directors in operations and safety
- Plant managers and production executives
- Process safety managers and corporate HSE heads
- Risk, compliance, and assurance professionals
- Functional leaders responsible for asset and operations performance

Individual Benefits

Key competencies that will be developed include:

- Process safety leadership skills and systems thinking
- Strategic communication and cultural alignment
- Governance and KPI-based oversight capability
- Organizational learning from incidents and near misses
- Empowerment of middle managers and frontline staff in PSM

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Strengthened process safety culture across departments
- Improved ownership and accountability in high-risk operations
- Enhanced governance of leading and lagging indicators
- Reduced frequency and severity of process safety incidents
- Stronger alignment between leadership strategy and safety performance

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Virtual Classrooms – Real-time leadership case engagement
- Strategic Tools – PSM scorecards, audit checklists, leadership walk templates
- Video Case Studies – Learnings from global PSM incidents
- Group Dialogue – Peer exchange, executive reflection, and barrier analysis
- Planning Tools – Strategy roadmaps, performance tracking worksheets
- Post-Session Support – Access to course materials and templates

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Course Outline

Detailed 5-Day Course Outline

Delivery Format: Online (Live) | Platform: Zoom, WebEx or Microsoft Teams

Day 1: Leadership Fundamentals in Process Safety

- **Module 1: Understanding Process Safety Leadership**
- Role of leadership in managing major hazard risk
- Learning from historical PSM failures and systemic breakdowns
- Integration of safety into corporate mission and vision
- **Module 2: Governance and Oversight**
- Board-level responsibilities and audit roles
- Policies, standards, and the lines of defense model
- Executive KPIs for safety leadership
- **Module 3: Group Exercise – Executive Failure Analysis**
- Leadership response to process safety crisis
- Identifying missed opportunities and recovery paths

Day 2: Risk-Based Thinking and Decision Making

- **Module 4: Understanding and Leading Risk-Based Thinking**
- Bowtie models and barrier effectiveness
- Enabling the right behaviors through leadership visibility
- Critical risk control ownership
- **Module 5: Managing Change and Process Safety Culture**
- Culture vs. climate
- Influence strategies and culture maturity models
- Communicating vision through actions, not posters
- **Module 6: Group Dialogue – Leading Through Change**
- Facilitating transitions during system upgrades, reorganizations, or events

Day 3: Incident Learning, Communication, and Human Factors

- **Module 7: Leadership Role in Learning from Incidents**
- How great leaders react to bad news
- Promoting a no-blame reporting culture
- Learning reviews, investigations, and system actions
- **Module 8: Human and Organizational Factors**
- Cognitive bias, fatigue, work pressure
- Integrating HOF into leadership walkarounds and meetings
- Bridging the gap between procedure and practice
- **Module 9: Workshop – PSM Storytelling and Communication**
- Building narratives that change mindsets
- Delivering powerful lessons across the business

Day 4: Performance Measurement and Frontline Engagement

- **Module 10: Leading with Indicators and Dashboards**
- Lagging, leading, and predictive KPIs
- Red flags and early warnings
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Visualizing trends and outliers

- **Module 11: Leadership Walkdowns and Safety Conversations**
- Conducting impactful site visits
- Asking the right questions to gain insight
- Observation and verification skills
- **Module 12: Group Simulation – Leadership Engagement Planning**
- Develop a 3-month PSM engagement roadmap
- Share and critique peer plans

Day 5: Strategic Alignment and Sustainable Implementation

- **Module 13: Aligning PSM with Business Strategy**
- PSM integration into business planning and KPIs
- Connecting goals from boardroom to control room
- Resourcing and enabling implementation
- **Module 14: Building a Sustainable PSM Roadmap**
- Short-, mid-, and long-term process safety objectives
- Creating shared ownership across the value chain
- Planning for audits, metrics, and maturity reviews
- **Module 15: Final Case Study and Strategy Wrap-Up**
- Present leadership lessons learned
- Build your PSM leadership call to action

Certification

Participants who complete the program will receive a Certificate of Completion in **Leadership in Process Safety Management**, recognizing their capability to lead, guide, and embed process safety excellence throughout high-risk organizational operations.

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.

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

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