MAWA EVENTS

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

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PROCESS SAFETY MANAGEMENT FOR FINANCIAL PROFESSIONALS

""Bridging Financial Insight with Operational Risk to Strengthen Process Safety Oversight""

Schedule

Date	Venue	Fees (Online)
01 – 05 Mar 2026	Online	USD 1500 per delegate

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

Introduction

Process safety incidents often carry high human, environmental, and financial costs. While engineering and HSE teams lead technical aspects, finance professionals must understand the systems, risks, and indicators associated with process safety to ensure that resource allocation, financial controls, and capital planning support a strong safety culture.

This unique 5-day program is designed to empower financial professionals with foundational and practical knowledge of Process Safety Management (PSM). Participants will learn how to interpret process safety risks, support risk mitigation through investment analysis, and evaluate cost/benefit implications of safety decisions.

Objectives

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

- Understand the structure, purpose, and lifecycle of a Process Safety Management system.
- Analyze the financial implications of process safety failures and investments.
- Evaluate cost-justified safety interventions and capital projects.
- Collaborate with operations, engineering, and HSE to align priorities.
- Track and report PSM indicators in board-level and regulatory reports.
- Support assurance and audit efforts for safety-critical spending and controls .

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Why Attend

- Gain critical insight into the business impact of process safety.
- Speak the language of operations and HSE in risk and control discussions.
- Influence capital planning and budgeting for safety-critical systems.
- Align financial oversight with global best practices in high-risk industries.
- Strengthen risk governance

Target Audience

This program is designed for:

- CFOs, finance managers, and controllers in high-risk industries
- Project finance and capital planning professionals
- Risk managers and internal auditors
- Investment and cost engineers
- Financial analysts supporting operations or maintenance functions

Individual Benefits

Key competencies that will be developed include:

- Risk-based investment analysis
- Operational cost control related to safety systems
- Financial communication of safety priorities
- Understanding safety-critical asset lifecycle costs
- Assurance and budgeting for risk mitigation strategies

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Better collaboration between finance and HSE/operations
- More strategic use of capital in safety projects
- Stronger internal control and audit assurance over safety risks
- Improved board-level understanding of PSM cost/risk trade-offs
- Sustainable support for a safety-focused investment culture

Instructional Methodology

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

- Virtual Expert-Led Lectures – Key principles and real-world cases
- Tools & Templates – Financial models, dashboards, and evaluation frameworks
- Group Exercises – Cost-justification, prioritization, and risk scoring
- Simulation Activities – Project ranking and stakeholder reporting
- Case Studies – Process safety failures and financial responses
- Final Presentation – Risk-financial plan and investment pitch

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Course Outline

Detailed 5-Day Course Outline

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

Day 1: Process Safety Fundamentals for Finance

- **Module 1: Introduction to Process Safety Management**
- Key PSM pillars and safety lifecycle
- Major accident hazards and industry case reviews
- Role of finance in safety oversight
- **Module 2: Financial Exposure to Safety Events**
- Cost of incidents: direct, indirect, reputational
- Business interruption and liability impacts
- Global examples of financial consequences
- **Module 3: Group Exercise – Mapping Safety Risk to Financial Impact**
- Identify risk categories and cost pathways

Day 2: Risk, Investment & Capital Planning

- **Module 4: Understanding Safety-Critical Assets**
- Maintenance-sensitive vs. safety-critical systems
- Asset lifecycle and risk correlation
- Integration with reliability and integrity plans
- **Module 5: Budgeting for Safety Programs**
- Annual vs. project-based risk budgets
- CapEx and OpEx planning for safety interventions
- Evaluating benefit against exposure risk
- **Module 6: Investment Prioritization – Workshop**
- Scenario-based project ranking using risk vs. ROI models

Day 3: Controls, Assurance, and Governance

- **Module 7: Safety Risk Controls and Cost Justification**
- Administrative, engineered, and procedural controls
- Assessing implementation cost vs. residual risk
- Cross-functional funding justification
- **Module 8: Assurance Frameworks and Audit Role**
- How finance supports safety audits
- Testing controls for design and effectiveness
- Assurance roles in MoC, procurement, and contracts
- **Module 9: Exercise – Drafting a Safety Investment Proposal**
- Create a pitch linking cost, control, and risk reduction

Day 4: Reporting, Metrics & Board Engagement

- **Module 10: Leading & Lagging PSM Indicators**
- Risk KPIs finance should understand
- Integration of safety metrics in finance reports
- Tools for trend analysis and threshold alerts
- **Module 11: Reporting Safety Risk to Leadership**
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CFO briefings, board reports, and audit committee updates

- Tying capital performance to safety indicators
- Communicating non-financial risk drivers
- **Module 12: Simulation – Safety Risk Reporting Dashboard**
- Build a basic safety performance dashboard using financial insights

Day 5: Strategic Planning and Wrap-Up

- **Module 13: Long-Term Safety Planning and Risk Financing**
- Sustaining investment in aging assets
- Risk pools, reserves, and self-insurance
- Prioritizing safety in 3–5 year plans
- **Module 14: Cross-Functional Collaboration**
- Governance models for shared safety-finance ownership
- Budget escalation and trade-off conversations
- Creating cross-departmental trust
- **Module 15: Final Project & Action Planning**
- Team presentations: Linking process safety to financial strategy
- Course wrap-up, Q&A, and next steps

Certification

Participants who complete the program will receive a Certificate of Completion in **Process Safety Management for Financial Professionals** , recognizing their ability to align finance and safety to strengthen risk governance and investment decision-making .

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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