

OPERATIONAL EXCELLENCE STRATEGIES IN OIL, GAS & PETROCHEMICAL INDUSTRIES

"Driving Efficiency, Safety, and Sustainability through Integrated Performance Improvement Models"

Schedule

Date	Venue	Fees (Face-to-Face)
22 - 26 Feb 2026	Kuwait	USD 3495 per delegate
05 - 09 Jul 2026	Manama, Bahrain	USD 3495 per delegate
02 - 06 Aug 2026	Doha, Qatar	USD 3495 per delegate

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

Introduction

In today's volatile energy market, operational excellence is not just a competitive advantage—it is a necessity. For oil, gas, and petrochemical companies, achieving operational excellence means consistently delivering safe, efficient, and cost-effective operations while adapting to changing market conditions and regulatory environments.

This 5-day course provides participants with a structured framework for implementing operational excellence programs across upstream, midstream, and downstream sectors. The training covers strategy deployment, performance metrics, process optimization, safety systems, digital transformation, and cultural alignment to help companies realize sustainable, measurable improvements.

Objectives

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

- Understand the core principles of operational excellence (OE) in industrial environments
- Develop and implement OE strategies that align with corporate goals
- Analyze performance gaps and apply continuous improvement methodologies
- Integrate safety, reliability, and asset performance into OE programs
- Foster a culture of accountability, innovation, and operational discipline

Why Attend

- Learn how world-class energy companies implement OE frameworks
- Discover how to align strategy, processes, and people for sustainable performance
- Improve production efficiency, safety performance, and cost competitiveness
- Gain tools for performance monitoring, root cause analysis, and change management
- Enhance your organization's resilience and readiness for future challenges

Target Audience

This program is designed for:

- Operations, production, and plant managers
- HSE and quality professionals
- Reliability and maintenance engineers
- Business excellence and continuous improvement leads
- Executives and team leaders responsible for performance optimization

Individual Benefits

Key competencies that will be developed include:

- Strategic thinking and operational planning
- Performance measurement and benchmarking
- Process mapping and waste elimination
- Leadership in safety and cultural transformation
- Root cause analysis and continuous improvement

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Increased operational efficiency and cost savings
- Improved safety, reliability, and compliance performance
- More effective cross-functional coordination and accountability
- Structured improvement cycles based on Lean, Six Sigma, and OE tools
- A strong foundation for enterprise-wide excellence and innovation

Instructional Methodology

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

- Strategy Briefings - Core OE concepts, models, and deployment strategies
- Case Studies - Benchmarking against global leaders in oil, gas, and petrochemicals
- Workshops - Process mapping, RCA, and performance scorecard design
- Peer Exchange - Industry insights and group learning from real challenges
- Tools - OE maturity models, KPIs, problem-solving templates, and audit checklists

MAWA EVENTS

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

Phone: +601116373203 | **Email:** info@mawaevents.net



Course Outline

DETAILED 5-DAY COURSE OUTLINE

Training Hours: 7:30 AM – 3:30 PM **Daily Format:** 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Operational Excellence Foundations in Oil & Gas

- Module 1: Introduction to Operational Excellence (07:30 – 09:30) • Definitions, principles, and global OE benchmarks • Drivers of OE in upstream, midstream, and downstream operations • Strategy deployment and alignment with business goals
- Module 2: OE Frameworks and Industry Models (09:45 – 11:15) • ExxonMobil OIMS, Chevron OE, and other models • OE pillars: safety, integrity, performance, people, and culture • Developing a site-specific OE roadmap
- Module 3: Leadership and Culture for OE (11:30 – 01:00) • Behavior-based safety and operational discipline • Leadership commitments and visible accountability • Cultural enablers and resistance management
- Module 4: Workshop – OE Readiness Assessment (02:00 – 03:30) • Participants assess current OE maturity in their organization

Day 2: Performance Measurement and Gap Analysis

- Module 1: Key Performance Indicators and Scorecards (07:30 – 09:30) • Operational, safety, and financial KPIs • Balanced scorecards and cascading performance targets • Lagging vs. leading indicators
- Module 2: Root Cause Analysis and Problem Solving (09:45 – 11:15) • 5 Whys, Fishbone diagrams, and fault tree analysis • Building RCA teams and documenting corrective actions • Link to incident investigation and failure prevention
- Module 3: Data-Driven Decision-Making (11:30 – 01:00) • Integrating digital dashboards and real-time analytics • Using data to guide daily operations and strategic reviews • Visual management and reporting routines
- Module 4: Workshop – KPI Design and RCA Practice (02:00 – 03:30) • Participants build an OE scorecard and solve a simulated issue

Day 3: Process Optimization and Asset Reliability

- Module 1: Lean Thinking and Waste Elimination (07:30 – 09:30) • Value stream mapping for oil & gas processes • Identifying non-value-added activities • Continuous flow and standardization
- Module 2: Total Productive Maintenance (TPM) and Reliability (09:45 – 11:15) • Integrating reliability-centered maintenance into OE • Autonomous maintenance and operator care • Planning, scheduling, and spare parts control
- Module 3: Asset Integrity and Lifecycle Management (11:30 – 01:00) • Managing integrity risk across facilities and pipelines • Condition monitoring and predictive diagnostics • Inspection and repair planning
- Module 4: Workshop – Process Optimization Exercise (02:00 – 03:30) • Teams apply Lean principles to improve a sample process

Day 4: Safety, Compliance, and Operational Risk

- Module 1: Safety Management Systems and OE (07:30 – 09:30) • Process safety vs. personal safety • Safety case approach and permit-to-work systems • Emergency preparedness and safety drills
- Module 2: Operational Risk Management (09:45 – 11:15) • Hazard identification and risk assessment (HIRA) • Bowtie analysis, control barriers, and assurance • Learning from incidents and near misses
- Module 3: Regulatory Compliance and Environmental Performance (11:30 – 01:00) • Managing environmental KPIs and sustainability metrics • Compliance tracking and audit readiness • Reporting requirements and ESG alignment
- Module 4: Workshop – Safety Culture Reflection (02:00 – 03:30) • Participants evaluate their current safety leadership and engagement practices

Day 5: OE Integration and Continuous Improvement

- Module 1: OE Integration across Functions (07:30 – 09:30) • Connecting production, maintenance, HSE, and HR • OE roles and accountability matrices • Integrating OE into management systems
- Module 2: Continuous Improvement Systems (09:45 – 11:15) • Kaizen events, suggestion schemes, and action tracking • Daily management systems and tiered huddles • Using OE audits to drive learning

- **Module 3: Sustaining Operational Excellence (11:30 – 01:00)** • From initiatives to embedded excellence • Governance, review mechanisms, and leadership routines • Celebrating success and replicating best practices
- **Module 4: Final Workshop – 90-Day OE Action Plan (02:00 – 03:30)** • Participants create a tailored OE roadmap for implementation • Peer presentations and facilitator feedback

Certification

Participants will receive a Certificate of Completion in Operational Excellence Strategies in Oil, Gas & Petrochemical Industries, validating their capability to implement sustainable OE frameworks, drive performance improvement, and lead change across energy 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

© Material published by MAWA Events shown here is copyrighted. All rights reserved. Any unauthorized copying, distribution, use, dissemination, downloading, storing (in any medium), transmission, reproduction or reliance in whole or any part of this course outline is prohibited and will constitute an infringement of copyright.