

## OVERALL EQUIPMENT EFFECTIVENESS (OEE)

*"Maximize Equipment Performance, Minimize Losses, Drive Operational Excellence"*

### Schedule

Date	Venue	Fees (Face-to-Face)
16 - 20 Aug 2026	Manama, Bahrain	USD 3495 per delegate
24 - 28 Aug 2026	London, UK	USD 3495 per delegate

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

### Introduction

This comprehensive 5-day course provides participants with the knowledge and tools to measure, analyze, and improve Overall Equipment Effectiveness (OEE) — a key metric in world-class manufacturing and asset management.

Participants will learn how to identify hidden losses, implement performance improvements, and apply best practices to enhance productivity, reduce downtime, and optimize asset utilization

### Objectives

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

- Understand the principles and components of OEE (Availability, Performance, Quality).
- Calculate and interpret OEE metrics for equipment and production lines.
- Identify major equipment losses and root causes.
- Apply continuous improvement techniques (Lean, TPM, Six Sigma) to improve OEE.
- Develop action plans to boost equipment performance and reliability.

## Why Attend

- Learn how OEE reveals hidden productivity losses.
- Build strategies to eliminate downtime and inefficiency.
- Strengthen continuous improvement and lean manufacturing capabilities.
- Increase competitiveness through better asset utilization.
- Gain hands-on tools to improve operational decision-making

## Target Audience

This program is designed for:

- Production and operations managers.
- Maintenance and reliability engineers.
- Asset and plant managers.
- Process improvement professionals.
- Industrial engineers and technical staff.

## Individual Benefits

Key competencies that will be developed include:

- OEE measurement and analysis.
- Equipment loss mapping and root cause analysis.
- Application of Lean and TPM to improve performance.
- Data-driven improvement planning.
- Enhanced teamwork in cross-functional improvement projects

## Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Increased productivity and equipment utilization.
- Reduced downtime and operational costs.
- Stronger culture of continuous improvement.
- Better alignment between maintenance, production, and management.
- Sustained performance improvement across operations

## Instructional Methodology

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

- Strategy Briefings - Understand OEE concepts and tools.
- Case Studies - Real-world OEE improvement success stories.
- Workshops - Practice OEE calculations and improvement planning.
- Peer Exchange - Share challenges and solutions with fellow participants.
- Tools - OEE calculators, loss analysis templates, and improvement frameworks.

## 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: Understanding OEE Basics

- Module 1: Introduction to OEE and World-Class Performance
- Module 2: Components of OEE: Availability, Performance, Quality
- Module 3: Calculating OEE for Equipment and Production Lines

#### Day 2: Identifying and Reducing Losses

- Module 4: The Six Big Losses and Their Impact
- Module 5: Root Cause Analysis Techniques
- Module 6: Data Collection and Analysis for OEE

#### Day 3: Tools and Techniques for Improvement

- Module 7: Applying Lean and TPM to Improve OEE
- Module 8: Maintenance Strategies for Maximizing Uptime
- Module 9: Visual Management and Daily Performance Monitoring

#### Day 4: Planning and Implementing Improvements

- Module 10: Prioritizing Improvement Opportunities
- Module 11: Developing an OEE Improvement Roadmap
- Module 12: Engaging Cross-functional Teams

#### Day 5: Sustaining Performance Gains

- Module 13: Setting OEE Targets and KPIs
- Module 14: Embedding Continuous Improvement into Operations
- Module 15: Final Workshop: Building an Action Plan for Your Facility

## Certification

Participants will receive a Certificate of Completion: Advanced OEE Mastery, validating their expertise in measuring and improving equipment effectiveness.

## 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:

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