



Global OpEx Solutions

BY REQUEST: 3 Days — Leader; 2 Days — Practitioner

Course Codes: TPML-V01 or TPMP-V01

Many companies suffer from inadequate capacity, productivity and morale due to equipment related breakdowns, accidents, defects and changeovers. TPM helps change the underlying cause, the culture, from “I operate you fix” to “equipment ownership & engagement” resulting in significant reduction in breakdowns, accidents and defects. In addition, TPM drives rapid model and tool changeovers that improves the equipment utilization, resulting in significant increase in capacity with no capital expenditure. To put it all together, the Overall Equipment Effectiveness (OEE) provides an effective way of identifying opportunities for improvement while providing an overall index on performance.

Learning Objectives

- ◇ TPM philosophy & Integrated Management System
- ◇ The 12 elements of executing a TPM program
- ◇ Measuring equipment effectiveness using OEE
- ◇ Applying Single Minute Exchange of Dies (SMED) to reduce changeover time
- ◇ The 7 steps of Autonomous Maintenance (AM)
- ◇ H&s-on activity at a manufacturing location
- ◇ One-Point Lessons
- ◇ Provisional cleaning standards
- ◇ Developing an AM/TPM Activity Board to surface problems & ensure sustenance
- ◇ Pitfalls in the culture change through TPM/AM

Key Topics

- ◇ TPM Philosophy & Integrated Management System
- ◇ Seven Steps of Autonomous Maintenance
- ◇ Overall Equipment Effectiveness (OEE)
- ◇ Set-Up Reduction (SMED)

Who should attend — 2 levels?

Leader Level (PMP's can earn 24 PDUs)

- Corporate Executives
- Plant Managers & Business Unit Leaders
- Continuous Improvement Leaders

Practitioner Level

- Operations, Maintenance and Supporting Staff

This training has been approved by The Texas Commission on Environmental Quality (TCEQ) for continuing education for TCEQ Water and Wastewater licensees.

Times — 3 days

Day 1	Both Levels	8:00 a.m. – 5:00 p.m.
Day 2	Both Levels	8:00 a.m. – 5:00 p.m.
Day 3	Leader Level	8:00 a.m. – 4:30 p.m.

Please contact OpEx Solutions, Inc. for pricing.

Instructors



Warren Gary Johnson, Jr., Principal Consultant — OpEx Solutions, is a mechanical engineer and a Certified Maintenance and Reliability Professional. His main areas of expertise are maximizing asset utilization, reliability, asset tracking, cost reduction and planning and scheduling. He developed a system for real-time asset utilization monitoring for Alcoa where he worked for 34 years in various capacities.

John P. Gay, Master Black Belt, Principal Consultant — OpEx Solutions, has been Supervising Master Black Belt and Global Best Practices Leader for Focused Improvement for DuPont, delivering over \$1M per person every year in hard, validated savings in addition to \$2M + in soft savings until his retirement. He also led 14 engineers and chemists as Technical Superintendent for the LaPorte, Texas Dupont plant, ensuring compliance with new environmental permit standards including effluent water quality. John is an APICS Certified Supply Chain Professional and a SCORE (Supply Chain Council) Professional.



Payment & Cancellation Policy: A 50% advance payment is due at the time of scheduling. The balance and expenses will be invoiced after the event. For cancellation up to seven days prior to the event date, the advance will be refunded less 10%.

