



# PMO Workshop

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## Course Overview

PM Optimization (PMO) is a process which uses the principles of Reliability Centered Maintenance (RCM) to rationalize existing maintenance programs, failure history, and other technical documentation. The ultimate intended goal of PMO is to eliminate defects, improve uptime, and positively impact OEE. The PMO Workshop is 3 days of hands-on, highly interactive sessions that explore how PMO fits into strategy management and asset performance management sustainability.

PM Optimization (PMO) Workshop is a 3-day interactive training that takes you through an 8 step process to consider when implementing a PMO program. Attendees will discuss a simplified PMO theory in an interactive session which engages people in the streamlined concepts. You will learn to appreciate why maintenance plans should be built around failure modes and the elements that influence failures.

We will take a closer look at hidden and evident failures, expected and unacceptable (unexpected) failure modes, and the best methods to influence management. We will also introduce the concept of a 'fault initiator' and what can be done to control a reliable outcome.

## Learning Objectives

- **Determine** data requirements in decision making during PMO
- **Learn** how to build a case for change
- **Engage** in team thinking for better decision making
- **Understand** the concept of no maintenance required
- **Identify** the ingredients of a living reliability program

## Course Format

This course will be held in a highly interactive workshop format with case studies and real-world examples.

The material has been designed using Adult Learning Methodology that believes the ideal ratio for optimum learning and retention is 60%/40%:

60% - blended combination of discussion, practical exercises, simulations, and case studies

40% - material/slides

Participants will engage in interactive exercises and discussions throughout the course to ensure the material is not only taught, but can also be applied. Limited class size (15-20 participants) is strictly enforced to enhance individual learning experiences and interaction with the instructor and other participants.

## Course Outline

- Intro to APM and the Reliability Circle
- PMO vs RCM
- Process Steps of PMO
- Framework for PMO
- PMO Case Study
- Data Collection
- Equipment Selection for PMO
- Equipment Evaluation
- Mini PMO Exercise
- Implementation Plan – Who Should Inspect and How to We Get Them Started
- Case for Change (Measures & OEE Gain)

## Takeaways

- PM Optimization ROI tool
- Framework for PMO
- Certificate of Attendance
- Training Manual
- Worksheets/Exercises
- Contact Information of Instructor for Support

## Who Should Attend

The PMO Workshop was designed specifically for individuals participating in or aspiring to gain a better understanding in the value PMO brings to the reliability of equipment and improved cost positioning.

### By Job Title:

- Reliability Engineers
- Maintenance Directors/Managers
- Lead Technicians & Operators
- Operation & Maintenance Supervisors
- Improvement Leaders
- Financial Controller

### By Sectors:

- Bio Pharmaceutical
- Facilities
- Food and Beverage
- Manufacturing
- Mining
- Oil & Gas Upstream & Downstream
- Petrochemical/Chemical
- Power Generation
- Utilities & Transportation