

# MAINTENANCE PLANNING & SCHEDULING: Effective Work Execution Management

Practical Training Designed & Delivered by Real-World Practitioners



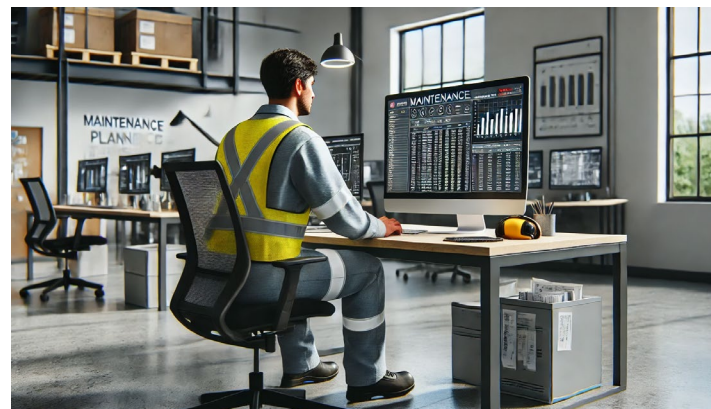
Join us for a class on both the theory and application of maintenance and reliability concepts, where we:

- Challenge your thinking
- Expose you to best practices
- Teach practical techniques for improving maintenance & reliability
- Show you a path to improving:
  - ✓ Process performance through increased availability
  - ✓ Lower maintenance costs

## 3-day Practitioner's Session

### Core Concepts

- Types of Maintenance & Sources of Waste
  - Types of Work (Emergency, Planned, etc.)
  - Work Execution Management Framework
  - Prioritizing Work & Sorting the Backlog
  - Program Metrics & Performance Indicators
- ❖ 1-day Course for Leaders and Sr. Managers also available



## What will you learn?

- The different types of maintenance and when each is appropriate
- Sources of waste within the maintenance process
- Key elements of the entire *Work Execution Management* framework, including: Work Identification, Approval, Control, Planning, Scheduling, Execution, Documentation, Analysis, and Improvement
- Key Roles & Responsibilities to make the *Work Execution Management* framework operate effectively
- Methods for prioritizing work, sorting a backlog, and aligning resources with the right type of work
- The elements of a high-quality job plan
- Metrics to measure maintenance function performance

## Who is this class for?

- Maintenance Managers
- Reliability Engineers
- Maintenance Engineers
- Operational Leaders
- Maintenance Supervisors
- Operational Supervisors
- Plant Managers
- Reliability Leaders
- Maintenance Planners
- Plant/Facility Engineers

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## Maintenance & Reliability Philosophy

- Reliability Concepts and Curves & Distributions

## Work Execution Management Overview

- Reliability Concepts and Curves & Distributions
- Sources of Waste in Maintenance Execution
- Types of Work and Work Orders

## Work Identification, Approval, & Control

- Work Requests & Notifications
- Work Order & Backlog Management

## Work Planning

- Job Estimates & Facilitation Methods
- Job Plans & Improvement Cycles

## Work Scheduling & Coordination

- Weekly Schedules
- Meeting Cadence & Attendees

## Work Execution & Documentation

- Job Quality Checks
- Support During Emergency & Urgent Work

## Work Analysis & Improvement

- Metrics for Performance Improvement
- F.R.A.C.A.S. Loop

• Real World Examples  
• Breakout Exercises

• Case Histories  
• Group Discussions



*Plant Reliability is the foundation on which Asset Management is built. The best developed Asset Strategy will prove ineffective if your plant behaves in an unpredictable manner.*

*Unforeseen failures foster a self-reinforcing reactive maintenance culture.*



*An understanding of reliability tools & techniques will help break the reactive maintenance cycle.*



## Meet your Instructor – Andy Page, Ph.D.

- Andy is a Certified Maintenance & Reliability Professional (CMRP) with over 30+ years of Physical Asset Management & Operational Field experience in multi-technique Condition Monitoring, Maintenance Management, Process Reliability & Improvement, Defect Elimination & Facilitation of Staff Training, Development & Mentoring.
- He is recognized internationally as an expert in predictive maintenance and reliability. He has spoken at maintenance conferences in several countries, and regularly leads clients through successful implementations of maintenance and reliability improvements.

