

Maintenance Planning, Scheduling, and Control: Proven Techniques

Master the three steps that lead to peak reliability, productivity, and competitiveness.

What You Can Expect From This Seminar

Will your maintenance program succeed? Planning, scheduling, and control are the most important and deciding factors, and this seminar gives you techniques for all three. You will examine the nuts and bolts of the entire planning process – from work request to work-performance reporting. You will learn how to manage priorities, perform backlog management, and support implementation of a computerized maintenance-management system (CMMS). In addition, you will learn the management processes of shutdown, planning, and scheduling. Our hands-on, “been there”, interactive approach will guide you to new levels of performance in maintenance planning.

– **Jim Cullen, Seminar Leader**

Seminar Content

DAY 1 AM

- Maintenance Management Fundamentals
- Where maintenance planning, scheduling, and control fits in the organization
- Introduction to maintenance planning, scheduling, and control
 - Purpose, definitions, process overview, and planner responsibilities
 - Planning/scheduling: who is qualified to do it?
- Basics of maintenance; why planning is required
 - Work types; how to plan them
 - Dealing with breakdown maintenance
 - Maintaining control in a plant environment

DAY 1 PM

- About planning systems
 - The process
 - Priority management
 - Master equipment list; work, skills, activity, and failure codes
 - Technical data base
 - Interface with inventory and stores control
- Work-order planning
 - Scope of work; estimating work times

DAY 2 AM

- Managing backlogs
 - Practices: key performance indicators
 - Backlog examples
- Scheduling of maintenance
 - Scheduling prerequisites
 - Work selection and resource scheduling
 - Meetings, schedule compliance, key performance indicators, and analysis
- CMMS implementation
 - Structure, priorities, project control, and reporting

DAY 2 PM

- Performance measurement and management
 - Performance indicators, reports, efficiencies, and information required
- Summary: managing the plant shutdown
 - Scheduling the work assignments
 - Meetings: how often, and who attends
 - Stores/contractors/other resources during shutdown
 - Material delivery and staging
 - Schedule closing, execution, and critique meeting

Who Should Attend

Anyone involved in planning, scheduling, and control programs; craftspeople; front-line supervisors; maintenance managers; planners; schedulers; team leaders; and those involved in reliability/maintenance improvement.

How To Get the Most From This Seminar

Bring teams in operations/manufacturing and maintenance management.

About the Seminar Leader:

Jim Cullen’s maintenance management experience ranges from planning, supervision, coordination, benchmarking, and productivity effectiveness to improvement planning and scheduling, contingency planning, and equipment maintainability. In addition to his extensive maintenance and maintenance management experience, Jim has developed and implemented more than 25 enterprise asset management and CMMS. He has worked with companies such as Amgen, Pfizer, Castrol, Colliers International, Fluor Daniel, Kennecott Utah Copper, Calpine Corp, BP Worldwide, and Westinghouse Electric Corp.