

Training – Introduction to Maintenance Planning and Scheduling Principles

fact sheet

Increase Your Effectiveness

Doing more with fewer resources is a fact of life in the business world. Proper planning and scheduling practices can make a huge difference. For example, experience shows that planning and scheduling can effectively double the wrench time of your front-line maintenance personnel.

Benefits

- Optimizes time and resources
- Evaluates different methods allowing the best solution to be chosen
- Helps an organization shift from reactive actions to proactive actions
- Assists in eliminating delays, lost revenues, lost capacity, contractual disputes, and much more.
- Captures “know how” from the maintenance work force and documents it in more comprehensive job plans for future repairs
- Provides better linkage between condition monitoring/ predictive maintenance activities and the day-to-day work management process

What You'll Learn

In this 2-day course, participants examine what world-class planning and scheduling look like in an industrial organization and the benefits they deliver. The fundamentals of both planning and scheduling are covered, exploring the core tasks and their importance. The course concludes with a discussion of how to implement a successful planning and scheduling model, how to measure and monitor the quality of your program, and how to select and optimally utilize a Computerized Maintenance Management System (CMMS) in the planning and scheduling function.

Comprehensive Reliability Training Offerings

In addition to the Introduction to Maintenance Planning and Scheduling Principles course, GE also provides numerous other workshops and training courses specifically designed to address the reliability function. These courses cover topics such as development of a reliability based maintenance program, theory and application of reliability centered maintenance practices, understanding the reliability process, developing the business case for reliability, and more. Combined, they represent an ideal foundation upon which you can build your organization's reliability program.

Flexible Venues

Our reliability courses are offered at numerous GE Training Center locations worldwide. Upon request, we can also come directly to your facility or an appropriate local venue to provide any of the courses in our portfolio of reliability curricula.



Detailed Syllabus

- 1) Planning and Scheduling World Class Model
 - a. Advantages of the Planning Process
 - b. Characteristics of the Planning and Control Matrix
 - c. Characteristics of the Planning and Scheduling World Class Model
 - d. Characteristics of Planning and Scheduling Performance Levels
 - e. Characteristics of the Probability Failure (P-F) Curve
 - f. Characteristics of How Equipment Fails
 - g. Characteristics of the Planning and Scheduling Workflow Model
 - h. Planning and Scheduling Roles and Responsibilities
 - i. Ratios of Planner, Scheduler, and Supervisor to Craftspeople
 - j. Use and Benefit of Predictive Maintenance Technologies
 - k. Material Management Impact on Planning and Scheduling
- 2) Planning Principles
 - a. Planning Fundamentals
 - b. Basic Job Plan Requirements
 - c. Requirements of Basic Job Plan Writing
 - d. Importance of Quantitative Preventative Maintenance Tasks
 - e. Basic Job Plan Details
 - f. Basic Job Plan Estimating
 - g. Work Request vs. Work Order
 - h. Characteristics of Work Request/Work Order Criteria
- 3) Scheduling Principles
 - a. Criteria of Scheduling Priorities
 - b. Criteria for PM Schedule Development
 - c. Scheduling Fundamentals
 - d. Relationship Between Resource Availability and Resource Allocation
- 4) Planning and Scheduling Program Monitoring
 - a. Successful Implementation of the Planning and Scheduling Model
 - b. Quality Program Performance Measures
 - c. Selection and Utilization of an Integrated CMMS System

Workshop Details

Duration: two days

Prerequisites: none

Presenters: This course is presented by Management Resources Group (MRG), Inc., as part of a strategic business relationship between GE Energy and MRG to deliver comprehensive reliability services including consulting, implementation, and training. The course features MRG training materials and facilitators.

For Additional Information

Please visit our reliability services website at the URL listed below. It contains links to our reliability-related training and allows you to access the most up-to-date information on course schedules, registration information, and more. You can also contact us at the phone number listed below, which is dedicated specifically to inquiries on our reliability services and training offerings.



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