



MP 301

Advanced Maintenance Planning & Asset Management





MP 301
Advanced Maintenance Planning & Asset Management
3 Day Workshop
\$1195 (course fee) + \$99 (manual fee)

Learning Objectives

Once completing this workshop, you will be able to:

1. Explain key Maintenance Planning and Asset Management concepts.
2. Apply best practice maintenance and reliability analysis processes to practically optimize equipment performance and reduce maintenance costs.
3. Cost-justify different maintenance planning programs such as Run-to-Fail, On-Condition, and Predictive Maintenance.
4. Understand how maintenance planning directly impacts plant and equipment life cycle costs.
5. Understand and apply life cycle equipment performance to maintenance planning decisions and content.
6. Target and improve equipment maintainability and/ or reliability.
7. Understand and apply asset maintenance strategies and performance management.
8. Consider the long term vs. the short term costs of implementing an O&M job or task assuming many conditions.
9. Use the philosophy of estimating the net value to the company when choosing the resources to complete a job (what is the life cycle cost benefit to whole plant/mill?)
10. Improve job workflow and resource allocation, including calculating standby time and overall scheduling % efficiency.
11. Identify the project risk points and explain how planning to manage or control the identified risk is part of the overall project is.
12. Manage the importance of information linkages between all stakeholders of the project.