**Troubleshooting Process Operation**



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**Course Objective**

* Gain a broad understanding and appreciation of the core functional aspects of how an effective operational process should operate
* Review the five standard maintenance improve tactics and their selection technique to ensure reliable process plant & equipment
* Learn how to develop a comprehensive operational process resource and support system analysis
* Understand the principles of PAS 55, the most recent maintenance process audit standard
* Gain insight and understanding into the unique leadership and motivation principles required for technical management

**Target Audience**

* Engineering and Technical Managers and Supervisors from any industry
* Maintenance Planners and Coordinators
* Operations and Manufacturing Managers and Supervisors
* Foremen and Team Leaders
* Plant Engineers and Process System Managers
* Section Engineers and Planners

**Course Outline**

* **DAY 1**
* Review of Basic Modern Operations Practice
* Review of modern operational practice in the light of the global economic recession
* Integration of maintenance and production to establish a world class operations department
* Generic performance measurement model using a 6 point scale
* Combining the parameters of speed, quality, and cost in maintenance performance measurement
* The 10 point planning standard and the role of the planning department
* Developing effective strategies for the operational process in order to achieve organizational excellence and continuous improvement
* **DAY 2**
* Standard Maintenance Improvement Initiatives
* Selecting the ‘correct’ maintenance tactic mix
* Reliability Centered Maintenance (RCM)
* Total Productive Maintenance (TPM)
* Condition Based Maintenance (CBM)
* Time Based Maintenance (TBM)
* Run-To-Failure (RTF)
* **DAY 3**
* Operational Resource Analysis
* A ‘blueprint’ for effective operational practice
* Resource and support system analysis with ‘Gap Analysis’
* Leadership development and motivation of operations employees
* The PAS 55 Maintenance Process Standard
* Principles of information management
* Risk identification, assessment and control
* Training, awareness and competence
* **DAY 4**
* Problem Solving in the Operations Environment
* Theory of inventive problem solving
* Problem solving techniques and case studies
* Exercises and facilitation
* **DAY 5**
* Scenario Analysis and Action Plan Development
* Review and analysis of your specific operations environment
* Assessment assignment and scoring of your operational process
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|  Price (USD) |
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