RELIABLE MAINTENANCE PLANNING, ESTIMATING AND SCHEDULING

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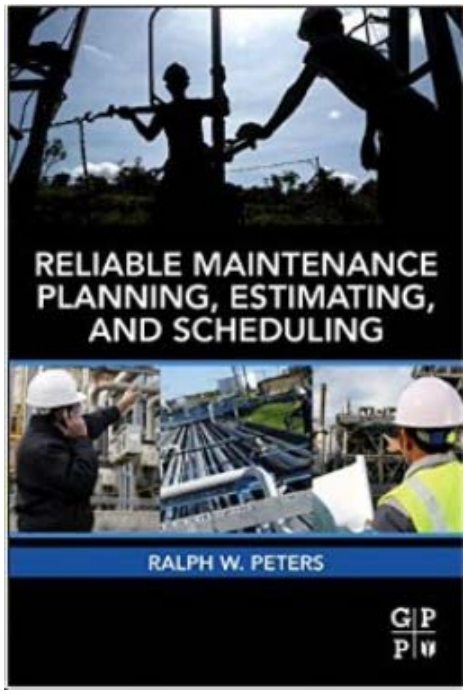

Put Reliability into Your Planning for Maintenance Excellence

Operations within the oil, gas and petro chemical sectors face the most operational challenges possible as related to health, safety, security and environmental issues (HSSE). Therefore planning, estimating and scheduling in these areas must achieve a very high level of accuracy, HSSE compliance and reliability. This book will definitely "put reliability into your planning for maintenance excellence."

Written specifically for the oil and gas industry, *Reliable Maintenance Planning, Estimating, and Scheduling provides the basic* tools plus many new techniques to create a reliable planning and scheduling process. These tools will increase technician productivity and maximize physical asset uptime, all with measureable bottom line results.

The author has personally performed detailed maintenance assessments of over 300 operations. Roughly 80% of these operations still needed improvement in their planning and scheduling process. However all types of maintenance operations can now find out how to make their planning and scheduling process be more effective "*and reliable"*.

Therefore this book has universal application for all type operations because *if you can plan and schedule within the oil and gas sectors you can do it most anywhere!*

For today's oil, gas and petrochemical operations it will cover the complete scope of planning, estimating and scheduling of work in critical continuous process operations. It will also include in detail the added focus and value that a planner/scheduler can have on reliability and Continuous Reliability Improvement (CRI). You will gain understanding on how effective and reliable maintenance planning, estimating and scheduling enables;

1. Craft labor productivity-Improved OCE (Overall Craft Effectiveness)
2. Physical asset productivity-Improved OEE (Overall Equipment Effectiveness)
3. Reliable and safe repair methods that are HSSE compliant
4. Reliable planned time for knowing your total maintenance requirements
5. Increased operations labor productivity
6. Validated direct savings, increased throughput and gained value that contributes directly to the bottom-line

Major Assessment Tool Included: If you are pursing ISO 55000 certification, Appendix A will support you tremendously, allowing you to perform a comprehensive self-assessment. The Scoreboard for Maintenance Excellence-Version 2015 is a major base of knowledge including 38 best practice areas and 600 prescriptive evaluation items. It goes well beyond the often vague and descriptive terms from ISO 55000 to very prescriptive actions for best practices and with a valid means to track progress. This is an extraordinary additional resource to *Reliable Maintenance Planning, Estimating, and Scheduling and is available in easy to use Excel format from The Maintenance Excellence Institute International at*: www.pride-in-maintenance.com/benchmarking-tools

Chapter Summary:

Appendices Summary:

- Appendix A-The Scoreboard for Maintenance Excellence-Version 2015
- Appendix B-Glossary of Maintenance-Stores Inventory and Oil-Gas Terms
- Appendix C-Maintenance Planner-Scheduler or Maintenance Coordinator Position Job Evaluation Process Form
- Appendix D- Charter-Format for a Leadership Driven-Self-Managed Team at GRIDCO Ghana
- Appendix E- Case Study-Process Mapping for a Refinery-Work Initiation to Completed Work Reliability Improvement Analysis
- Appendix F-The CMMS Benchmarking System
- Appendix G-The ACE Team Benchmarking Process Team Charter Example and ACE Team Forms
- Appendix H- Example Shop Load Plan-Master Schedule-Shop Schedule- Forms and How To Use
- Appendix I -Management of Change (MOC) Preocedues Example
- Appendix J-Risk Management Plan Example
- Appendix K-Measuring-the-True-Value-of-Maintenance-Activi...
- Appendix L-An SAP Planner Training Checklist
- Appendix M-Planner View Points- Should Planner Have Trades Background

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