

# Overview of Modern Reliability & Maintainability Concepts

## AMTEC

| Friday - April 11, 2014 |  |
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| 8:00 – 9:00             | Opening Comments / Introductions / Purpose of the Training   |
| 9:00 – 10:00            | What is Reliability and Maintainability? Why does it Matter  |
| 10:00 – 10:15           | <i>Break</i>   |
| 10:15 – 10:45           | Historical Changes in Maintenance Strategies to Current Best Practices                                     |
| 10:45 – 12:00           | Reliability Centered Maintenance (RCM) – history, current practices and why it needs to be different today |
| 12:00 – 1:00            | <i>Lunch</i>   |
| 1:00 – 1:30             | Understanding the Basics – MTTR, MTBF, Availability  |
| 1:30 – 2:45             | Maintenance Technologies and the P-F Curve   |
| 2:45 – 3:00             | <i>Break</i>   |
| 3:00 – 4:30             | Maintenance Technologies and the P-F Curve (continued)   |
| 4:30 -5:00              | Open Discussion / Q&A on Day 1   |

| Saturday – April 12, 2014 |  |
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| 8:00 - 8:15               | Opening Comments   |
| 8:15 – 9:30               | Design for Reliability and Maintainability                 |
| 9:45 – 10:15              | <i>Break</i>   |
| 10:15 – 11:45             | Planning & Scheduling/CMMS for Maintenance Technologies    |
| 11:45 – 12:45             | <i>Lunch</i>   |
| 12:45 – 2:15              | R&M and Maintenance Technologies Require Change Management |
| 2:15 – 2:45               | <i>Break</i>   |
| 2:45 – 3:15               | Measuring Progress – Metrics and Key Process Indicators    |
| 3:15 – 4:15               | Best Practices and Business Excellence                     |
| 4:15 – 4:45               | What Next?   |
| 4:45 – 5:00               | Open Discussion / Q&A on Day 2                             |