RCM BLITZ™
A Complete Maintenance Strategy

Ensure Asset Reliability

RCM Blitz™ is a Reliability Centered Maintenance (RCM) methodology designed to develop a complete maintenance strategy for critical assets. The process utilizes an RCM Blitz™ facilitator or practitioner who works with a cross-functional team to discover failure modes, most of which are unique to the context and environment in which you operate your equipment.

In iReliability™, the RCM Blitz™ module is the hub of an integrated approach to designing and implementing a failure modes driven reliability strategy, returning results in a fraction of the time of traditional RCM methods via a convenient and easy-to-use RCM Blitz™ wizard. Work orders are generated, ensuring effective communication and tracking, and individuals are assigned specific tasks and durations for participation. Likewise, each resulting task/action that is identified through the RCM Blitz™ process can be assigned to individuals for execution. This ensures that RCM is not only performed, but implemented.

Benefits:

When implemented, the benefits of RCM Blitz™ are:

• Refined operating procedures
• High knowledge transfer rate
• Consequence reduction tasks for failure modes that cannot be addressed with traditional PM or PdM methods
• Failure-finding tasks that will reduce the probability of catastrophic Health, Safety, and Environmental (HSE) failures
• Improved Process and Equipment Reliability (PER)
• Comprehensive listing of PM and PdM tasks designed to mitigate the failure modes for your asset
• A complete listing of critical spare parts that need to be kept on site or through vendor agreements
• Detailed operations checklists to ensure proper set-up and operation of equipment
• Increased energy efficiency
• A complete Troubleshooting Guide based on actual failure modes and alarms for your equipment
• Reduced unit cost of product

Viewed as traditional RCM methodology, RCM Blitz™ is fully compliant with the SAE RCM Standard JA 1011, while engineered to be quick and extremely effective.

COMMUNICATE AND TRACK RCM PROGRESS AND GOALS

A fully implemented RCM Blitz™ analysis delivers a complete maintenance strategy designed to ensure the inherent designed reliability of your asset and incorporates the following deliverables:

• List of PM/PdM tasks addressing operating environment/envelope
• Identification of induced failures modes of the PM/PdM activities
• A complete maintenance strategy for your equipment
• Comprehensive trouble shooting guide for your equipment
• A complete list of necessary spares required to ensure equipment reliability
Through RCM Blitz™, you will learn when, where, and what type of PdM technologies should be used to detect critical failures at your facilities; how to reduce Mean Time To Restore (MTTR) through the use of consequence reduction tasks; and how to identify where to apply the RCM Blitz™ process based on reliability measures.

Additionally, your operations and maintenance people will have increased understanding of how your equipment is supposed to work and the tasks required to keep your equipment reliable. When implemented, RCM Blitz™ will reduce emergency/demand maintenance work and unit cost of product by lowering maintenance costs, improving Overall Equipment Effectiveness (OEE); and reducing secondary equipment damage.

REPORTING

The RCM Blitz™ module provides users with several reports that are generated from the information entered during the RCM analysis. These reports arm the user with information that will help him or her make educated decisions regarding the management of the facility assets.

**Equipment Maintenance Plan** – This report is a summary of the RCM data, including all task information.

**FMECA Worksheet** – The FMECA Worksheet includes all of the data entered in the RCM Blitz™ database for each component and corresponding failure modes, including probability, consequence, and safety data.

**Predictive/Preventive Tasks** – This report will include all PM/PdM/Operator Care tasks along with the task descriptions.

**Spare Parts Suggestions** – This report will include any spare part decisions made during the RCM analysis.

**Troubleshooting Guide** – The Troubleshooting Guide will list each failure mode that corresponds to a failure symptom.

**View Data** – This generates a list of all data for the RCM analysis. The data can be sorted, filtered, grouped, and manipulated as needed and can be exported to Excel as well.