

Reliability Centered Maintenance (RCM)

Course #1505

Course Details

Length: 1 day

Prerequisite: APM Framework - User

Benefits: This course is designed to teach you how to use Meridium's Reliability Centered Maintenance product.

Audience: General Users, Implementers, Administrators



Overview

Reliability Centered Maintenance

Reliability Centered Maintenance (RCM) is a methodology for identifying equipment strategies that promote maintainability and reliability. RCM provides the means to determine optimal maintenance and operational strategies for equipment based on the probability and consequence of its failure modes.

RCM Analyses

You will navigate an existing RCM Analysis to become familiar with its functionality. Then you will set up a new RCM Analysis and create its associated Functions, Functional Failures, Failure Modes, Failure Effects, and Recommendations.

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Training Agenda

Viewing an Existing RCM Analysis

- Launching RCM
- Accessing and navigating an RCM Analysis

Building an RCM Analysis

- Adding an RCM Analysis record
- Linking Reference Documents and creating an Analysis Team
- RCM/FMEA Assets vs. Assets
- Setting up RCM Assets for an Analysis
- Copying an RCM Asset record to create a new one
- Adding Functions
- Adding Functional Failures
- Adding Failure Modes
- Adding Failure Effects
- Defining Unmitigated Risk
- Using the Decision Logic Builder
- Copying and Revising Analysis Nodes
- Adding Recommendations
- Assessing Mitigated Risk

Integrating Recommendations into ASM

- Integrating RCM Recommendations into Asset Strategy Management
- Promoting RCM Recommendations to Actions

RCM Templates

- What are RCM Templates?
- Creating an RCM Template
- Loading an RCM Template