



COMPETENCY
TRAINING
a verbrec company

COURSE SNAPSHOT

INTRODUCTION TO RELIABILITY CENTRED MAINTENANCE (RCM) AND MAINTENANCE STRATEGY OPTIMISATION (MSO)

DURATION 2 day

PREREQUISITES None

COURSE OVERVIEW

This course introduces participants to the concepts of Reliability Centred Maintenance (RCM). It provides insight into the elements of a successful RCM program, using practical real-world examples to highlight common pitfalls.

The differences between FMEA and FMECA are explained with guidance to application of each.

The Maintenance Strategy Optimisation (MSO) process is explained in context of RCM.

WHO SHOULD ATTEND

This course is designed for Production and Maintenance Managers, Supervisors, Operators and Tradespersons who want to maximise asset availability and increase profitability.

PREREQUISITES

There are no prerequisites for this course.

YOUR OPTIONS

This course can be delivered at a client's site, and practical activities can be customised to reflect the client's own electrical equipment.

Please contact us for information and pricing on this option.



NATIONALLY RECOGNISED
TRAINING

COURSE OUTLINE

Defining Reliability Centred Maintenance (RCM)	<ul style="list-style-type: none">• The six failure patterns• RCM: The 7 basic questions• Benefits
Asset Hierarchies	<ul style="list-style-type: none">• Functional Hierarchies• Levels of Analysis
Implementing RCM	<ul style="list-style-type: none">• Critical Equipment focus• Regulatory Compliance• Planning, organising & facilitating the workshop
Functions and Functional Failure	<ul style="list-style-type: none">• How does a functional failure differ from failure in a traditional sense
FMEA and FMECA	<ul style="list-style-type: none">• What is a Failure Mode• FMEA Failure Modes and Effects Analysis• FMECA Failure Modes and Effects Criticality Analysis• Severity, Occurrence and Detection• Risk Priority Number (RPN)
Strategy Selection – Proactive Maintenance	<ul style="list-style-type: none">• Condition monitoring• P-F interval• Acceptable Limits• Scheduled Restoration or Scheduled Restoration or Scheduled Discard
Strategy Selection – Default Actions	<ul style="list-style-type: none">• It's OK to RTF• Redesign• The RCM Decision Diagram
Task Development	<ul style="list-style-type: none">• What makes a good task description• Acceptable Limits• Grouping tasks into PM's
Maintenance Strategy Optimisation (MSO)	<ul style="list-style-type: none">• The Process• RCM vs MSO

COURSE SNAPSHOT

RELIABILITY CENTRED MAINTENANCE (RCM)

LED BY EXPERTS

Creating whole-of-life equipment strategies through to detailed maintenance plans, you can have line-of-sight of your total cost of ownership.

Asset Integrity	Materials & Inventory
Operational Readiness	Strategic Advisory
Specialist Asset Management Training	Maintenance & Reliability Engineering
Shutdowns & Turnarounds	Data Science & Master Data

For further information on your education and training options, or for possible corporate or volume discount offers, please contact us.



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