



COMPETENCY  
TRAINING  
a verbrec company

COURSE SNAPSHOT

# INTRODUCTION TO RELIABILITY, AVAILABILITY AND MAINTAINABILITY

**DURATION** 1 day

**PREREQUISITES** None

## COURSE OVERVIEW

This course explains the basics of the theory underlying Reliability, Availability and Maintainability (RAM) and the relationship between them. The basics of RAM modelling is discussed in order to understand how RAM of discrete equipment can be used to determine RAM of complex systems.

## WHO SHOULD ATTEND

This course is designed for plant engineers new to reliability principles and practices or those who want to refresh in the basic concepts.

## 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

Why is information concerning failures and failure characteristics so important?

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What is a functional failure?

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What are the different failure characteristics?

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What are the most common characteristics?

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What is the influence of failure characteristics on the maintenance strategy?

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What is reliability, availability and maintainability?

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What is meant with failure rate, MTBF and MTTR?

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RAM basics

## 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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