

Reliability Availability Maintainability (RAM)

18

Seminar-No. 01.05

DATES & COSTS

On demand

Inhouse
Online

Length:

1 Day

Fee:

750,00 €

incl. lunch and certificate of participation
plus VAT

TARGET GROUP

- Safety Managers,
- Safety Authority Staff,
- Technical Project Managers,
- Safety Case, Development and Quality Assurance Staff

LANGUAGES



DESCRIPTION

The course is based on the standard EN 50126 which defines the life cycle in order to plan, manage and survey all phases, from concept to decommissioning, regarding RAM. The standard is developed for the rail industry, but the same method applies for several industries.

The training covers the V model and how to work with Safety through out the life cycle, from concept to decommissioning, and gives examples in documentation and methods. Risk analysis methods such as Failure Mode, Effect and Criticality Analysis (FMECA), Fault Tree Analysis (FTA) and Safety Integrity Level (SIL) are also covered.

SEMINAR CONTENTS

DAY 1 09.00-17.00

- Understanding the importance of RAM
- Concepts behind RAM
- Overview of the life cycle phases from EN 50126 regarding RAM
- Insight in different methods such as FTA and FMEA
- Measures to improve RAM and lower life cycle cost