

Reliability Academy

Reliability Engineering Training Courses

Risk Management, Basic Blocks (2d course)

Goal: What are the essential and minimum building blocks, so that you can claim to have an Risk Management System place in your technology project? This course will show you how it is done in industries that have developed proven procedures for high reliability products, such as in aerospace. These practical 'blocks' are applicable and useful in different industries and standards.

1. Overview: Product Assurance (PA) and Risk Management

- Introduction

2. Risk Management/PA Plan and PA/QA-Requirements

- Basic parts of a Risk Management/ PA Plan.

3. Configuration Control

- Configuration Control: equipment, documents. How to start effectively.

4. Non-Conformance Control

- Non-Conformance reporting, Procedures, handling and documenting

5. Components, Materials and Processes

- Ensuring high quality 'as-built'

6. Risk Identification and Handling

- How identify risks during project. Risk handling, documentation and control.
- Reliability risks, reliability analyses

7. PA/QA in Manufacturing, Assembly, Integration and Testing

- Product Assurance activities in 'MAIT'

8. Qualification

- Qualification program, activities and documentation

9. Risk Management/ PA Documentation

- examples of actual documentation in high reliability projects