



# Aladon

The Risk & Reliability

GLOBAL NETWORK

**RCM2™**  
**INTRODUCTORY**  
**COURSE**  
THREE-DAY PROGRAM

**DAY 1**

## **MORNING:**

Introduction to RCM

- Growing maintenance expectations
- Changing understanding of how equipment behaves
- New maintenance techniques

A Way Forward using RCM

History of RCM

## **AFTERNOON:**

### **FUNCTIONS**

Function statements

- Performance standards (Multiple performance standards, quantitative performance standards, qualitative standards, absolute performance standards, variable performance standards, upper and lower limits)
- Different categories of functions
- Exercise
- Describing functions and performance standards
- The operating context

Case Study

## **MORNING:**

### **FUNCTIONAL FAILURES**

- Failed states
- Performance standards and failure
- Who should set the standard?

### **FAILURE MODES**

What is a failure mode?

- Failure modes and the operating context
- What failure modes should be listed? (Human error)
- How much detail? (Causation)
- Describing failure modes
- Levels of analysis

Case Study

### **FAILURE EFFECTS**

Describing failure effects.

## **AFTERNOON:**

### **FAILURES CONSEQUENCES**

Defining worth doing criteria for:

- Hidden failures consequences
- Safety and Environment consequences
- Operational consequences
- Non-Operational consequences

Hidden failures exercise.

Failure consequences exercise.

**DAY 2**



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**DAY 3**

**MORNING:**

**FAILURE MANAGEMENT POLICES I  
PROACTIVE TASKS**

Defining technical criteria (including frequencies) for:

- On-condition tasks (Review of all the predictive technologies)
- Scheduled restoration tasks
- Scheduled discard tasks

Case Study

**FAILURE MANAGEMENT POLICES II  
DEFAULT TASKS**

- Failure Finding tasks (including frequency calculations)
- No scheduled maintenance
- Redesign

Case Study

**AFTERNOON:**

**IMPLEMENTING RCM DECISIONS  
APPLYING RCM  
WHAT RCM ACHIEVES**



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