

# **Reliability Centred Maintenance (RCM)**

## **Technical Proposal**

### **Scope**

training course addresses the needs of a diverse audience with an interest in All activities involved in keeping a system in working order, including:

- Operation Engineers who have oversight responsibility for Plant operations
- Maintenance Engineers with direct line responsibility as well as staff support responsibility for
- delivering on effective Plant Maintenance
- Plant Start-up and Commissioning Managers and Engineers
- Technical personnel & supervisors involved in supporting Plant Start-up, Maintenance and shutdown

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## **Terms To Understand**

1. To provide the participants with the modern concepts and techniques in RCM.
2. Provide instruction on how to establish a RCM program for the critical facility.
3. To develop the managerial capabilities of the participants to improve the performance of maintenance units.
4. To enhance the practical experience of the participants by discussing some maintenance problems.

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# **Reliability Centred Maintenance (RCM)**

## **Technical Proposal**

### **Outline**

- RCM Definition
- RCM Overview
- RCM Targets and Constraints
- Optimal Maintenance Program
- RCM Standards
- RCM Elements
- RCM Information
- RCM Teamwork
- RCM Steps
- Failure Patterns
- Reliability Prediction
- FMEA & FMECA
- RCM Master Plan
- RCM Action Plan
- RCM Case Study

## **Financial Proposal**

- **Total number of course days are 5 days --8 Hours / Day**
- **Total course hours are 40 hours**
- **The course includes 30 minutes break each session**

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