



International Reliability Centered Maintenance Certification Committee (IRCC)



Introduction

RCM Certification demonstrates that you have the skills needed to use and apply RCM effectively.

Become certified as an RCM Team Member, Facilitator or Practitioner.

IRCC certification provides an independent validation of your RCM skills. Whatever RCM dialect you work with, IRCC certification is an objective and impartial assessment of your ability, because our examinations are based on the SAE standards JA1011 and JA1012, which define what RCM is and how it should be applied.

Reliability Centred Maintenance (RCM) is commonly used to help establish safe minimum levels of maintenance, determine changes to operating procedures and help establish maintenance regimes and plans. Successful implementation can result in cost savings, machine uptime and improved risk management. But the devil's in the detail – how can you achieve these benefits and successfully implement RCM in your organisation? This course will help you do just that.

Objectives

To provide a better understanding of RCM, particularly:

- What, why, how and who?
- Opportunities and benefits
- Risks

Course outline

What is maintenance?

- Why maintain?
- Traditional maintenance methods
- Common current practices and trends

What is Reliability Centred Maintenance?

- Its history
- Its development
- Current usage
- Where can it be cost-effective?

How does it work?

- Basic features
- Key criteria
- Maintenance options
- Key outcomes

Making the business case and preparing the strategy

- Identifying and quantifying current risks
- Identifying and quantifying current costs
- Motivating decision-makers
- Identifying and empowering those who have to deliver the results
- Educating / gaining buy-in from interested parties

Implementation

- Identify business functions
- Prioritise functions
- Verify correct usage
- Identify failure modes
- Identify the consequences of failure
- Understand the failure process
- Specify the appropriate maintenance action(s)

Ongoing requirements

- Monitoring
- Recording
- Analysis
- Continuous re-evaluation