

Reliability Centred Maintenance (RCM2)

➤ RCM2 Background

The past 20 years have seen an exponential increase in the demands being placed upon those who maintain physical assets. These demands are due to the following changes:

- greater need for cost control
- greater requirements for plant availability
- greater demand for product quality
- greater levels of competition
- greater legislation for safety and environmental security
- greater complexity of physical assets

To meet the demands of modern maintenance management, the aviation industry developed the process Reliability Centred Maintenance (RCM). RCM2 is the modern variant as applied to non-aviation industries and has been successfully implemented in over 1,000 locations in 38 countries around the world.

➤ The RCM2 Process

The RCM2 process helps you identify maintenance strategies to achieve and sustain the level of reliability required to support the increasing demands being placed on your assets.

Through the RCM2 process your organisation will select the most appropriate failure management policies. These could include condition monitoring, scheduled discard and overhaul tasks, failure finding, redesign or run to failure.

➤ Industries Using RCM2

- Downstream oil and gas
- Power and water utilities
- Offshore oil and gas
- Petrochemicals
- Armed forces
- Consumer electronics
- Mining
- Steel mills
- Aluminium processing
- Paper and forestry products
- Food manufacture
- Packaging
- Automobile Manufacture
- Transportation



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➤ Implementing RCM2

Using our unique approach to the implementation of RCM2, we can help ensure that your organisation's efforts are focused where the most significant benefits will be realized. Our approach involves:

Analysis Preparation & Asset Selection

Identification of critical assets, so that RCM2 is applied where the need is greatest

Training

Training is essential for developing the skills necessary to sustain the RCM2 programme. Aladon's RCM2 training courses are world renowned, with over 45,000 people trained.

Conduct RCM2 Analysis

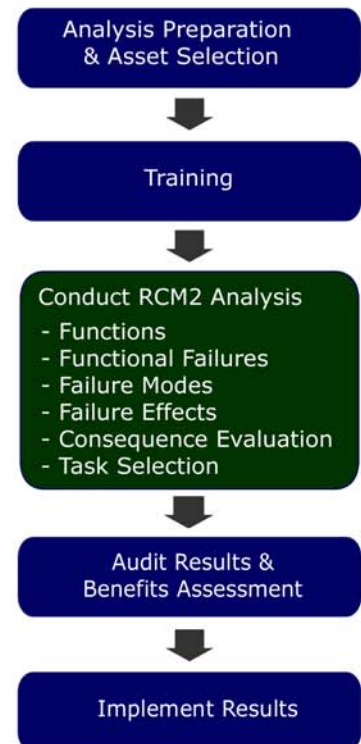
Comprising analysis teams of the people who know the assets best and led by competent inhouse or consultant facilitators. Our analysis approach fully complies with RCM standard SAEJA1011.

Audit Results and Assess Benefits

Audits are an essential checkpoint for senior staff to provide an independent assessment of the RCM2 analysis prior to implementation. Benefits assessments provide an opportunity to assess the potential return on investment for the consulting assignment

Implement Results

Our consultants will assist you in taking the RCM2 analysis from theory to implementation. We will assist with the task packaging and upload to your CMMS and help to ensure that the right business processes are in place to manage the new work practices.



➤ RCM2 Benefits

RCM2 helps your organisation secure optimum performance from physical assets to maximise the returns on your investment and minimise incidents.

The optimisation is focused on output, product quality, customer service, safety and environmental integrity. Benefits include:

- greater maintenance cost effectiveness
- improved operating performance
- longer useful life of capital intensive assets
- comprehensive database of maintenance strategies
- improved teamwork

Our focus on training and knowledge transfer will ensure that your staff are fully equipped to carry the RCM programme forward.

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