

RCM201: Managing Reliability Centered Maintenance

COURSE: Managing Reliability Centered Maintenance

DURATION: 3 Days

NUMBER OF STUDENTS: 12 maximum

VENUE: Client to provide training facility and catering

OBJECTIVE: The objective of this three day workshop is to provide an understanding of the RCM method of maintenance task optimisation. Participants will gain an understanding of the use of failure data analysis and failure forecasting and how to choose optimum maintenance tasks that reduce the costs to the business.

Participants will need PC computers and will be provided with demo versions of RCMCost software.

COURSE CONTENT:

Day One: RCM Skill Building

Course topics addressed in the workshop are:

Why Traditional Maintenance cannot meet the needs of business today.

Weibull Data Analysis

What is RCM and how does RCMCost deliver this methodology plus more.

How to identify failure modes that can impact your plant.

How to calculate failure data relevant to your equipment using Weibull feature in RCMCost.

Assessing the total cost impact of failure on a business.

How Preventive Maintenance and Predictive Maintenance improve business, safety, environment and operational risks.

Simulating the maintenance strategy in RCMCost.

Day Two: RCM Skill Building Continued

How to select the optimum maintenance task and frequency.

Students undertake a series of exercises in RCMCost.

Maintenance Decision making elements and sensitivities

Day Three : In house Courses

Tying it all together: A practical exercise is undertaken by students to get hands-on practice in modelling using RCMCost.

Practical exercises for in house teams

Implementation

Tips

Issues

Keeping plans current

Outputs

Reports

Plans

Work Instructions

Budgets

Resources

Case Studies

Course Outcome:

Upon completion, participants will:

Be able to choose the optimum maintenance task and know the benefit to the business.

Know how to forecast spares, resources, budgets and risks.

Know what needs to be done to keep a maintenance plan focused on minimising the chance of future losses.

Contact Us

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