

BEST PRACTICES IN RELIABILITY CENTERED MAINTENANCE (RCM)



WORKSHOP overview

Reliability-centered maintenance (RCM) is based on the following precepts:

- A failure is an unsatisfactory condition. There are two types of failures: functional failures, usually reported by operating engineering staff, and potential failures, usually discovered by maintenance engineering staff.
- The consequences of a functional failure determine the priority of maintenance effort.
- A reliability-centered maintenance program includes only those tasks which satisfy the criteria for both applicability and effectiveness. The applicability of a task is determined by the characteristics of the item, and its effectiveness is defined in terms of the consequences the task is designed to prevent.

WORKSHOP objectives

At the end of the programme, participants will be able to:-

- develop a working knowledge of RCM systems;
- differentiate between the different classes of maintenance;
- understand better the design, construction, operations and maintenance requirements of equipment and systems;
- Implement strategies and methodologies to create an effective maintenance programme;
- enhance their knowledge and skills to identify and address operational problems at all levels;
- implement mechanisms to measure equipment performance at all levels;
- And more...

WHO should attend?

Facilities engineers / managers, maintenance engineers / managers, design engineers, production and manufacturing engineers, procurement engineers, process engineers, process designers, plant engineers, technicians and anyone involved in maintenance engineering and would like to widen their knowledge.

WORKSHOP outline

- RCM A maintenance Philosophy
- The Nature of failure
- The Four Basic Maintenance Tasks
- Developing The Initial Programme
- Evolution Of The RCM Programme
- Applying RCM Theory to Machines
- And more...

FOR MORE DETAILS, PLEASE CONTACT:

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