

Digital Seminar on **RELIABILITY CENTERED MAINTENANCE**



**SAVE
THE
DATE**

29 September 2020
1430 - 1700 hrs

Reliability-centered maintenance (RCM) is a concept of maintenance planning to ensure that systems continue to do what their user require in their present operating context. Successful implementation of RCM will lead to increase in cost effectiveness, reliability, machine uptime, and a greater understanding of the level of risk that the organization is managing.

Reliability Centered Maintenance originated in the Airline industry in the 1960's. ... MSG-1 was used to develop the **maintenance** program for the Boeing 747 aircraft, the first **maintenance** program to apply **RCM** concepts.

RCM offers five principal options among the risk management strategies

- Predictive maintenance tasks,
- Preventive Restoration or Preventive Replacement maintenance tasks,
- Detective maintenance tasks,
- Run-to-Failure, and
- One-time changes to the "system" (changes to hardware design, to operations, or to other things).

Characteristics of RCM

- Focus on preserving system functions
- Define the appropriate maintenance strategy for the equipment
- **Identify Functions and Potential Functional Failures**
- cost-effective maintenance strategy
- different failure pattern and specific approach to deal with them

COURSE CONTENT

- History of RCM
- Need for RCM
- Benefits of RCM
- Principles of RCM
- How to Implement RCM
- Predictive testing and inspection
- MFMEA
- Root cause Analysis
- Age Exploration principles

WHO TO ATTEND

- Maintenance managers
- Plant heads
- TPM coordinators
- Business excellence heads

FEE

3,000 + GST 18 %

- Pre-registration with payment is mandatory
- The training link will be shared only on receipt of the payment



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