



Two Days Training Programme on

RELIABILITY CENTERED MAINTENANCE (RCM)

22-23 JAN 2018@NAGPUR

The Reliability-Centered Maintenance process presented here is used to apply RCM techniques to identify applicable and effective preventive maintenance tasks in support of a Condition Based Maintenance program. It also allows the user to develop and document rationale and justifications for preventive maintenance task recommendations.

Overall course objectives:

Upon completion of this course participants will be able to:

1. Describe the RCM theory.
2. Correctly apply RCM principles in development of a Planned Maintenance System
3. Understand the use of RCM principles in the continuous sustainment of a Planned Maintenance System

Time Table & Course Content of Reliability Centered Maintenance (RCM):-

Day -1: Session -1

Maintenance Strategy to practice under different situations.

Session -2

Developments & Adopting Modern Maintenance Approach.

Functional Failures and Failure Effects

Failure Consequences

RCM Actions

State the 3 different RCM actions to be evaluated for implementation based on failure assessment.

Session -3



.Predictive Maintenance philosophy

& RCM (Reliability Centered Maintenance) Approach.

Session -4

Understanding root cause of Equipment failures under different situations.

Day -2: Session - 1

How to prevent equipment (fixed or mobile) failing before planned replacement?

Session -2

Pro-Active Maintenance Approach &
strategy for Component Life Enhancing Activities.

Discuss the purpose of performing Functional Failure Analysis (FFA)

Session -3

1. Failure Modes and Effects Analysis (FMEA)

- Documenting Failure modes and effects
- Rationale and Justification: Why we made these choices.

Session -4

2. Decision Logic Tree

- Types of Failures and Failure Consequences
- The three RCM related actions
- Using the Decision Logic Tree

Certification: Every successful participant will be awarded a course completion certificate.

Delivery Methodology (Strategy):

- Introduction and Objective Setting



Centre For Industrial Solution and Advanced Training

An ISO 9001:2015 Certified

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- Pre and Post Test,
- Knowledge Presentations,
- Assignments & Exercise,
- Feedback and Assessment
- Discussion and Interaction
- Delivery 10:00 AM to 17:30 PM

About CISAT:

Centre For Industrial Solution and Advanced Training is an ISO 9001:2015 certified Training Provider Company managed by professionals with rich Industry and professional training experience. Company involves in professional trainings and been providing training on various topics of Industry interest through various experts associated. More details are available on www.cisat.co.in.

Registration:

Dates of the program: 22-23 Jan (Monday & Tuesday) 2018 at Nagpur.

Participation fees: INR 18000/- per delegate (Excluding GST@18%; Training program includes training material hard copies, Tea, Lunch & snack, excluding lodging and Boarding)

Payment: ECS/NEFT/DD in favor of "Centre for Industrial Solutions and Advanced Training"
Payable at Nagpur, Maharashtra, India. Account No: 0509102000003353 Bank: IDBI,
Wardha- 442001, MS, India; IFSC Code: IBKL0000509; Swift Code IBKLINBB007; MICR Code
442259001. (GST Code:27ABBPW5589J1ZV; SAC Code 99-9293; State Code 27; PAN No:
ABBPW5589J)

Venue: KEC International Training Centre, Butibori, Nagpur, MH (18KM from Nagpur
Airport, towards, Hyderabad)

For Registration please do contact to, We do prefer on line Registration through our web
www.cisat.co.in.

1. Mahendra Dhande 09168326662,
2. Vikas +91-8669546332; 7709012815; vikas@cisat.co.in; cisat.nagpur@gmail.com;

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Contact for any In-house Training Program at your plant or location.

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Web: www.cisat.co.in; Email: cisat.nagpur@gmail.com; Contact: +91- 7709012815; 8669546332

Branch Address: S-206, Saraswati Apartment, MB Estate, Opp Nisarga lawn, Aakar Nagar, Nagpur-440013, MH, India



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Training Calendar Jan 2018 - March 2018

Sr No	Month	Name of the Program	Date	Duration in Days	Fees in INR +GST	Location
ELECTRICAL ENGINEERING						
1	Jan	Electrical Power System protection; Parameters, Relay Setting and Relay Coordination	18-20 Jan	3	27000	Nagpur
2	Jan	Design of a reliable and cost effective Advanced Electrical Power system for Industrial Applications	23-25 Jan	3	27000	Hyderabad
3	Feb	Power and Energy Efficiency Management in Industrial Utilities & Power Factor Improvement	1-3 Feb	3	24000	Nagpur
4	Feb	Electrical Safety; International Standards & Auditing	12 Feb	1	8000	Kolkata
5	Feb	HT/LT Motor; Electrical Drives; VVVF; Soft Starter (Fundamental; Operation, Maintenance; Troubleshooting; CBM; Hands ON, Parameter	13-15 Feb	3	27000	Kolkata
6	Feb	Power System protection; Relay Setting and Coordination	19-21 Feb	3	30000	Goa
7	Feb	Power Factor Improvement Techniques: Design & Industrial Applications	26-27 Feb	2	20000	Banglore
Mechanical/Production Engineering						
1	Jan	Hydraulics & Pneumatics and Valve: Operation, Maintenance, Troubleshooting and PPMT	24-25 Jan	2	18000	Nagpur
2	Feb	Pump and Air Compressor: Operation, Maintenance, Troubleshooting and PPMT	9-10 Feb	2	18000	Kolkata
3	March					
Performance Improvement and Best Maintenance Practices						
1	Jan	Reliability Centered Maintenance (RCM)	22-23 Jan	2	18000	Nagpur
2	Jan	World Best Engineering and Modern proactive Maintenance Practices for safe, reliable, compliant and competitive performance.	29-31 Jan	3	27000	Nagpur
3	Feb	Predictive Preventive Maintenance Techniques and NDT	16-17 Feb	2	20000	Goa
Process; INSTRUMENTATION, AUTOMATION AND CONTROL						
1	Jan	Pipeline & Terminal Valves, Control Valves & Actuators: Operations & Maintenance, Selection	22-23 Jan	2	18000	Pune
2	Feb	PLC, SCADA & Engineering Applications (Programming; Parameters; Communication; Case Studies & Plant Applications)	5-8 Feb	4	28000	Kolkata