Reliability Centered Maintenance Management (RCM) Workshop
March 25 – 29, 2024, 1st Run: Lagos & Abuja
September 23 – 27, 2024, 2nd Run: Lagos & Port Harcourt
For Tutor -Led Class: 9am – 4:30pm
Workshop fee: N300, 000 per Participant
For online: Delivery via Zoom
Online course fee: N250, 000 per Participant
Available for In-plant Training

> **600 U$D for foreign Participants**

Program overview:
Reliability Centered Maintenance (RCM) is a process to ensure that assets continue to do what their users require in their present operating context. RCM incorporates Preventive Maintenance and Corrective Maintenance activities, along with Predictive Testing & Inspection (PT&I) and other actions (e.g., redesign, procedural changes or technology upgrades) to provide an optimal balance to achieve greater reliability and lower life-cycle costs. Successful implementation of RCM will lead to increase in cost effectiveness, machine uptime, and a greater understanding of the level of risk that the organization is managing.

For whom:
Facilities Managers, Maintenance Engineers Senior Operators responsible for smooth operation of operating systems, Personnel concerned in Reliability Centered Maintenance, Maintenance / Operations planners

Learning objectives:
At the end of the program, participants will be able to:
- define and explain what Reliability Centered Maintenance is all about – the drivers, potential benefits, and how to implement it;
- shift from reactive to proactive maintenance;
- evaluate the concept, performance measures, and analysis of RCM;
- see how RCM interacts with and supports other elements of maintenance strategy particularly condition-based monitoring; and
- acquire hints and tips for practical application of RCM in their own areas of responsibility, fitting RCM into the overall maintenance organization and strategy.

Course outline:

Day 1: General Introduction to the Concept & Principles of RCM (With Case Studies)
- What is RCM?
- Identifying Failure Modes
- Data Analysis,
- Assessing cost of failure
- Preventive and Predictive Maintenance,
- Simulating the strategy
- Optimum task selection

Day 2: Managing RCM using Appropriate Software (With Case Studies)
- Weibull Analysis,
- RCM Analysis,
- Packaging maintenance tasks
- Producing the Load sheet/plan/work instructions,
- Reporting
- Evaluating the strategy against business objectives.

Day 3: Advanced RCM Software Application (With Case Studies)
- Modeling Scenarios
- Using Libraries and Maintenance Templates
- Data Quality,
- Version comparisons,
- Configuration options
- Load sheets,
- Work instruction Documents

Day 4: Facilitating RCM Studies (With Case Studies)
- Preparing,
- Collecting data,
- Scoping a study
- Facilitating FMEA sessions,
- Facilitating Maintenance selection
- Validating the plan,
- Working with the CMMS,
- Updating the analysis

Day 5: RCM Living Program
- Collecting data,
- Updating failure parameters,
- Re-optimizing,
- Maintenance,
- Identifying Changes,
- Implementing Changes

LOCATIONS
1 - HCA Learning Centre. Acme House 2nd Floor, 23, Acme Road, Ogba, Industrial Scheme, Ikeja, Lagos, Nigeria

2 - Green-Minds Hotel, Plot 764, Cadastral Zone B05, E. Ekukinam Street, Utako District, Abuja

3 – Pakiri hotel Ltd., 4 Okwuruola Street, off Stadium Road, Rumuola, Port Harcourt, Rivers State.

Open Course Fee: N300, 000
In-plant Fee Negotiable

WORKSHOP FEE:
N300, 000 per participant, VAT –N22, 500
Note: this covers Workshop Fee, Tea/coffee break, Lunch, course materials and certificate of attendance.
Payment should be made into our Accounts:
Account Name: Human Capital Associates Global Consult Ltd.
Union Bank of Nig. PLC: Account No: 0097961537
First Bank of Nig. PLC: Account No: 2033683960
Keystone Bank Ltd.: Account No: 1007150325

For Booking / Enquiry, Call: 234-8051365946, 234-7087578814
24/7 Lines: 234-8068933608, 234-8029170491, 234-8145745664,
& 234-9112830607

Methodology: Lectures, discussions, exercises, case studies, audio-visual aids will be used to reinforce these teaching/learning methods.
NOTE: Please Come along with your laptop.