



# HUMAN CAPITAL ASSOCIATES

## (SKILLS & ORGANIZATION DEVELOPMENT CONSULTANTS)

### RELIABILITY CENTERED MAINTENANCE (RCM) MANAGEMENT

August 27 - 31, 2018, Lagos.

#### Also Available For In-plant Training

**Note:** You can register or download our 2018 calendar online @ [www.humancapitalassociatesng.com](http://www.humancapitalassociatesng.com)

#### 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:

This course is particularly designed for plant maintenance and plant technical professionals, engineers, supervisors, operations personnel.

#### LEARNING OBJECTIVES:

At the end of the program, participants will be able to;

- \*appreciate what Reliability Centered Maintenance is all about – the drivers, potential benefits, and how to implement it.
- \*learn practical and effective methods and tools to 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.
- \*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 CONTENT

#### The Concept and Processes of Reliability Centered Maintenance:

##### An Overview

- What is Reliability Centered Maintenance (RCM)
- Existing maintenance practices vs. RCM

##### RCM Principles and Process

- Principles of RCM
- The RCM process
- Generic Equipment Templates
- Identification of uniform key Performance Indicator

##### Practical Applications

- System selection
- Qualitative analysis-failure modes, effects and criticality analysis
- Field failure and maintenance data
- Trend analysis

##### Benefits of RCM program

- Reliability improvements
- Cost benefits
- Identification of ageing effects

##### RCM Implementation Plan.

##### Case studies in RCM implementation

### RESOURCE PERSONS

**Engr. A. Sunday** - B. Eng., M. Eng. MNIMechE., MNIM., PMP., LEAD AUDITOR,(OHSAS), ADVANCE Maintenance Planning Engineer (CPE). A seasoned Operations/Execution/Planning and Inspection Engineer with over Fifteen (15) years' industry experience involving Plant Commissioning, Upgrades and Maintenance; Engineering Planning, Project Implementation and ERP Implementation (SAP PM). Experienced SAP (System Application and Package) Super User and Functional Lead on Plant Maintenance (PM) Module. Enthusiastic communicator with proven analytical skills to develop detailed reports. Ability to diagnose, and proffer solution to technical problems. Engr. Sunday will be joined by other maintenance professional to share their experience on this program.

#### WORKSHOP FEE:

**N200,000per participant, VAT N10,000.**

**Note: this covers Workshop Fee, Full Break fast, Lunch, course materials and certificate of attendance.**

**Payment should be made in favour of Human Capital Associates.**

**Payment can equally be made into our Accounts:**

**Account Name : Human Capital Associates**

**Keystone Bank Ltd. Account No:1005378262**

**Union Bank Of Nig. Plc Account No: 0006208533**

#### LOCATION

**1 - HCA Learning Centre.**

**Acme House 2<sup>nd</sup> Floor,**

**23, Acme Road, Ogba,**

**Ikeja, Lagos**

**August 27 - 31, 2018, Lagos.**

**Open Course Fee:N200,000**

**In-plant Fee Negotiable**

#### FOR BOOKING/INQUIRIES:

Please Contact:

Office Lines: 0814-574-5664

0811-749-1970

Otunba 0806-622-3343

Philip 0802-917-0491

0806-893-3608

0805-136-5946

*Note: Human Capital Associates reserves the right to alter dates, content, venue and trainer.*

Human Capital Associates : Acme House 2nd Floor, 23 Acme Road Ogba, Ikeja - Lagos

Abuja Corporate Office Suite: 6, Shalom Plaza, Gudu District. Abuja, Nigeria.

Website ; [www.humancapitalassociatesng.com](http://www.humancapitalassociatesng.com); e-mail; [info@humancapitalassociatesng.com](mailto:info@humancapitalassociatesng.com), [humancapitalassociatesng@yahoo.com](mailto:humancapitalassociatesng@yahoo.com)

Office Lines : 234-8117491970, 234-8145745664 , Other Lines: 08029170491, 08068933608, 08051365946,08184727337

**Note:** Please confirm participation in writing or call Human Capital Associates lines for reservation.

Programme commences 9:00a.m.each day with Breakfast

...BRIDGING THE GAP BETWEEN THEORY & PRACTICE

Member Nigeria Institute for Training & Development

Member Oil & Gas Trainers Association of Nigeria