

LAGOS ARE YOU READY?

Date: February 5 - 9, 2018

Location: Ikeja, Lagos

Certified Maintenance & Reliability Professional

MAINTENANCE & RELIABILITY

Best practices masterclass plus
CMRP Certification Examination



Full Registration Fee:
N800,000 (\$3,500)
Early Bird Registration:
N685,000
Ends January 14, 2018

Who Needs To Attend:

Plant Engineers/Managers || Maintenance Engineers/Managers
Team Leaders || Maintenance Supervisors
Asset Management Engineers/Specialists
Reliability Engineers/Managers || Maintenance Planners/Schedulers
Electrical/Automation Engineers || Process Engineers ||
Construction Engineers || Commissioning Engineers ||
Quality Engineers || Specialist Engineers || Maintenance Technicians

Learning Outcomes:

- Be able to develop and manage strategic plan for M and R.
- Be able to make a business case for M and R.
- Understand Business Finance as a Foundation for Managing Assets.
- Understand what is world class and what is benchmark
- Be able to carry out assets decomposition, FMEA, critical spare parts listing.
- Understand the differences between being a leader and a manager.
- Understanding process control techniques for waste reduction

About The Certification:

The Certified Maintenance & Reliability Professional (CMRP) program is the #1 leading credentialing program for certifying the knowledge, skills and abilities of maintenance and reliability professionals. The CMRP is accredited by the American National Standards Institute (ANSI), which follows ISO standards for its accreditation and processes. Examining more than just textbook information, the CMRP is a thorough examination of a broader scope of expertise measured against a universal standard.

It was developed to assess professionals' aptitude within the five (5) pillars of the Maintenance and Reliability Body of Knowledge: Business Management, Equipment Reliability, Manufacturing Process Reliability, Organization and Leadership, and Work Management.

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PROGRAM AGENDA

Day 1: introduction to SMRP and CMRP Bok CMRP Pillar 1-Business and Management

- * Creating strategic direction and alliances
- * Measuring performance-Balanced Scorecard, Metrics vs KPIs
- * Organizational Change Management-Supporters vs Resistors
- * Communications Management
- * Stakeholder Management
- * Risk Management
- * Making a Business Case for M and R
- * Business Finance-Budget and Budget Making- Budget Types, Capex and Opex,
- * Business Finance-Financial Terminologies, ROI Calculations-PBP, DPBP, CBR etc.
- * Managing EHS
- * Procurement & Contract Management

Day 2: CMRP Pillar 5-Work Management

- * Maintenance Management Definition-From Reactive to Proactive
- * Intro to Asset Management-ISO 55000 Series
- * Understanding and Building Asset Registers-Asset Decomposition
- * Maintenance Work P and S-Prioritizing Work and Backlog Management etc.
- * Intro to Project Management-PMI PMP BoK
- * EAM vs CMMS
- * Managing MRO Storeroom
- * Measuring Work Performance-Work Management Metrics
- * Metrics Calculations and Visual Management

Day 3: CMRP Pillar 2-Manufacturing Process Reliability

- * Intro to Reliability Management
- * Reliability Definitions
- * Quality Management-Deming PDCA Cycle, 7 Tools of QC, SPC, 6Sigma, ISO 9000 Series etc.
- * Manufacturing Excellence -TPM, TQM etc.

Day 4: CMRP Pillar 3-Equipment Reliability

- * Reliability Definitions
- * Reliability Analysis Methods-RBDs, RAM, Weibull
- * Reliability Requirements - MTBF, MTTF
- * Equipment Performance and Gap Analysis-Equipment Metrics vs KPIs
- * Reliability Techniques-RCM, FTA, RCFA, DFR, FMEA, FMECA, LCCA etc.
- * Lubrication Excellence
- * Condition Based Maintenance-PdM Techniques-UI, VA, IRT, OA, WPA, SPM etc.

Day 5: CMRP Pillar 4-Organisation and Leadership + CMRP BoK Revision + Exams

- * Lead and Manage People - Leader vs Manager vs Boss
- * Situational Leadership
- * Team Building and Management
- * Develop People-Skills Matrix, Training Plans, TNA, Training Types, Learning Pyramid, etc.
- * Understanding Org Structure and JDs
- * Capability Assessment
- * Conflict Management at Work
- * Days 1-4 Revision
- * Exam Practice Session
- * CMRP Exam-Closed Book, 110 Multiple Choice Question in 2.5Hours
- * Award of Attendance Certificates + Closing

LEAD TRAINER'S PROFILE



Mallam Ibrahim Lawal, FIMC, CMC, BEng'g, CMRP, CRE, is an engineering manager with more than 22 years of field engineering and management experience in varied roles.

Ibrahim Lawal is the Founder and President of Beina Maintenance & Reliability Services, Nigeria through which he has developed and instructed many M&R best practices courses in Africa and Middle Eastern countries.

Through his efforts, nearly 50 professionals have been CMRP certified in Africa and the GCC.

Mallam Ibrahim as he is fondly called, is a trained Maintenance & Reliability Systems Management Specialist, Automation Specialist, Project Management Specialist and a part time Reliability Management consultant.

Mallam Ibrahim has got vast knowledge & skills in Project Management, Asset and Facility Management, Predictive, Proactive and Preventive Maintenance, Continuous Process Improvements, Power & Energy Management, Electrical & Electronic Systems Automation, Training facilitation and Capability Development, Recruitment & Selection, Business Analysis amongst all with which he has helped a few Companies make millions of dollars of savings over the years.

Until recently, Mallam Ibrahim was the Country Engineering Reliability Manager for CCHellenic-Nigeria in which role he has utilized many reliability strategies to improve performance of and optimizing Costs.

An astute reader, he is a Fellow of Institute of Management Consultants, is a Certified Management Consultant, holds a BEng'g degree in Electrical & Electronics from ABU Zaria, an MBA from MSBM-UK and an active member of NSE.

To show his love for M&R, he also has earned the prestigious professional reliability certifications of CMRP(SMRP) and CRE(ASQ).

Training Ref No: _____

Please write in **CAPITAL LETTERS**

REGISTRATION DETAILS

M Mrs Mr Surname: _____
 Name: _____
 Position: _____
 Email: _____

 Ms Mrs Mr Surname: _____
 Name: _____
 Position: _____
 Email: _____

 Ms Mrs Mr Surname: _____
 Name: _____
 Position: _____
 Email: _____

COMPANY DETAILS

Organization: _____
 Contact Person: _____
 City: _____
 Country: _____
 Email: _____
 Tel: _____
 Fax: _____
 Address: _____
 Nature of Business: _____

AUTHORISATION

Signature: _____ Date: _____
 Name: _____
 Position: _____

PAYMENT OPTIONS

Bank Transfer (Our bank detail will be provided)
 Credit Card (For Credit card, please fill in the details below)
 Please debit my
 Visa Eurocard/Mastercard Amex Diners Club
 Card Billing Address: _____
 Street: _____
 City: _____
 Post/Zip Code: _____
 Card Holder's Name: _____
 Card Holder's Signature: _____

With GVC N or E or 1; CVV Num/itr
 Valid from _____ to _____
 Expires _____
 Valid from _____ to _____
 Expires _____