ENGR. AHIAMADU JONATHAN OKIRIE CMRP, CSSBB, NSE, NIMechE

https://www.linkedin.com/in/engr-jonathan-a-okirie-cmrp-cssbb-coren%C2%AE-mnse-mnimeche-531a5876

E-mail: okiriejonathan@yahoo.com, okirie575@gmail.com

Phone: +234(0)8037575365, 9153107783, and 9121154952

CAREER HIGHLIGHT

I hold a bachelor's of Engineering (B. Eng.) degree in mechanical engineering, registered with the Council for the Regulation of Engineering in Nigeria (COREN) as a mechanical engineer, has profound knowledge of oil and gas operations and management, a Certified Six Sigma, Black Belt (CSSBB) and Certified Maintenance and Reliability Professional (CMRP), with over fourteen (14) years of consistent hands-on and supervisory work expe rience in mechanical drive systems; pneumatic, hydraulic and HVAC systems; rotating a nd static equipment installation, maintenance and commissioning in the onshore, swamp, offshore oil and gas cum power production operations.

In course of my career, the acquisition and application of varied skills (technical and pers onal), education, trainings, and work experiences in mechanical maintenance, maintenan ce management, reliability engineering, team and general management has resulted in qu alitative and timely service delivery, remarkable cost savings and the much-desired high production capacity in organizations where am privileged to serve in.

SKILLS AND COMPETENCIES

Personal Skills

Problem solving|| decision making|| time management|| flexible and adaptable to changes ||strong team building, leadership and cross functional team management|| high level of e motional and social intelligence|| interpersonal skills|| Proactive|| stress management|| con tinuous improvement|| goal oriented|| organized, accurate and attention to details.

Technical Skills

Reliability engineering & maintenance management|| EAM/CMMS|| operations, facility, p roject and personnel/team management|| maintenance cost & budgeting/ strategy & KPI m anagement|| equipment startup and commissioning|| troubleshooting and RCA|| document ation and data analysis|| work and inventory management|| QHSE awareness|| interpretatio n of mechanical, process and P&IDs|| interpretation/execution of OEMs' maintenance reco mmendation & review|| SME recruitment|| fair knowledge of oil & gas production proces s, electrical systems, industrial instrumentation/control|| reporting|| computer proficiency.

WORK EXPERIENCE

Period: May 2019 – Present ||Belemaoil Producing Limited, Gas Subsidiary, (Operator of OML 55, Belemaoil /NNPC Joint Venture), RobertKiri, Idama, Inda, swamp and offsh ore production platforms, Rivers State, Nigeria

October, 2021 – Till Date || **Maintenance Lead** || RobertKiri Production Platform

- Manage and coordinate all maintenance and maintenance inventory activities of the fa cility, from equipment maintenance strategy planning function and review to scheduli ng processes and documentations necessary for efficient annual reporting
- Review PM plan to align to present equipment availability, oversee and document PM start and completion dates, next PM due date, work orders, man-hour, percentage of P M compliance etc. through excel spreadsheet and also maintain CM records
- Develop, manage equipment run-hours, parts/materials request, receipt and usage log s, in-line with senior partners KPIs, trend maintenance and reliability metrics like equ ipment MTTR, MTTF etc. so as to aid effective PM and corrective maintenance (CM) management and in the analysis of annual maintenance cost and budgeting
- Monitor plant-wide equipment availability through equipment status tracker and follo w up on parts/material requisition and their logistics to site.
- Coordinate the development/review of standard PM checks task instructions
- Coordinate and supervise contractors on outsourced maintenance project.

May, 2019 – October, 2021 || **Mechanical Maintenance Engineer** || RobertKiri, Idama and Inda Production Platforms

- Take primary responsibility for the maintenance and management of all mechanical covered assets (rotating and related static) in the platform; crude oil export pumps, compressors, diesel and gas engines, pneumatic, hydraulic and HVAC systems etc.
- Day to day management of equipment maintenance; preventive, corrective, condition monitoring and also, take the lead in troubleshooting, root cause and equipment component reliability analysis of all failed mechanical equipment.
- Maintain maintenance records and ensure PM plans and SOPs are adhered to.
- Liaise with production operations on plantwide reliability and maintenance activities
- Coordinate and supervise activities of third-party contractors during overhauls and other related out-sourced projects and also, follow-up on JV partners/regulatory body visit on facility asset maintenance management audit.
- Prepare PTW, JHA, and LOTO were applicable, on jobs to be executed.
- Conduct toolbox meetings, HSE presentation, attend daily leadership meetings

Period: November, 2018 – February, 2019 || **Gas Turbine Supervisor** || PE Energy Limited || First Independent Power Limited || Omoku and Trans Amadi Power Plants

- Investigated the root cause of fire outbreak in the load coupling compartment of GE Nuovo Pignone MS 5001 Power Turbine – Omoku power plant, February, 2019
- Investigated the cause of oil leak from axial compressor horizontal centerline of GE Nuovo Pignone MS 5001 power turbine – Trans Amadi power plant, December,2018
- Minor inspection of GE Nuovo Pignone MS 5001 power turbine (accessory drive gearbox replacement and alignment) – Omoku power plant, November, 2018

Period: January, 2016 – October, 2018 || **Mechanical Supervisor** || ARCO Maintenance and Engineering Limited / Siemens AG Power Generation **|** Geregu Power Plc || Upgrade and Maintenance of 3 units of Siemens SGT5-2000E power turbines and generators || Ajaokuta steel complex, Kogi State, Nigeria

- Managed multidisciplinary team of maintenance personnel to execute installation and maintenance activities, participated in job planning and scheduling processes, also made technical analysis and input where required with respect to the project framework.
- Assigned, supervised/monitored all site installation, maintenance and commissioning tasks to conform to set procedures and standards, also ensured, project deliverables are achieved in a qualitative, reliable, timely and cost-effective manner through effective personnel management,
- Ensured the safety of personnel by carrying out hazard Identification, risk assessment and accident/incident investigation to determine their underlying root causes.
- Personnel evaluation, workplace inspection, and promoted HSE awareness and drive same at all levels, within the project team in-line with the safety QMS.
- Attended safety awareness and toolbox meetings and made suggestions on areas of safety improvement and daily field service reporting
- Liaised with client, on regulatory obligations and other pertinent project issues
- After upgrade maintenance program: supervised the maintenance (preventive and corrective) of Siemens SGT5-2000E power turbines and associated auxiliaries

Period: June 2006 – January 2016 || ARCO Maintenance and Engineering Limited/ GE Oil and Gas || Nigerian Agip Oil Company || Maintenance services of gas turbines and driven equipment set || OB-OB and Kwale gas plants and Ebocha Oil Centre, Nigeria

May, 2013 – January, 2016 || **Resident Engineer** || Ebocha Oil Centre

- I was responsible for the maintenance and management of all operational assets at Ebocha Oil Centre. The facility has gas turbines (heavy duty and aero-derivatives), pumps and compressors (reciprocating and centrifugal), HVAC systems and auxiliaries.
- Carried out overall facility asset condition monitoring, PM checks, minor repairs, and liaised with client representatives to make on-skid analysis of asset performance and evaluated status via real-time plant HMI and reported to the base maintenance team.

- Managed materials/parts requisition, PTW and work orders/requests via CMMS; ensu red proper order creation, updating, closure and general facility asset management.
- Liaised with client facility supervisor and processed relevant documents necessary to carrying out installation, maintenance and commissioning activities, in line with statu tory and regulatory requirements, received maintenance personnel, coordinated all ma intenance activities and offered technical input/assistance were required.
- Performed on regular basis spare parts inventory management, auditing and reported bi-monthly count to the maintenance team.
- Evaluated and reported maintenance KPIs, interpreted data and advised accordingly.

June, 2006 – May, 2013 || **Senior Mechanical Technician** || OB/OB gas plant

- Led team of maintenance personnel to troubleshoot, plan, execute maintenance task a nd programs/commissioning on over 45 units of rotating equipment i.e., gas turbines (heavy duty & aero-derivatives), gas and diesel engines, centrifugal and reciprocating compressors and auxiliaries for various oil and gas assets of different OEMs.
- Participated in corrective maintenance (major inspection/overhauls and upgrades), inc luding major work on gas turbines, centrifugal and reciprocating compressors.
- Performed mechanical component maintenance, repair and replacement of parts
- Performed routine inspections, condition monitoring and daily checks on in-service e quipment and associated auxiliaries.
- Ensured that all maintenance activities are carried out reliably, in accordance with co mpany policies and OEMs recommendations.
- Mentored interns, junior and less skilled employees on performance of tasks

EDUCATION/QUALIFICATION

- M. Sc., Business Administration, National Open University, Port Harcourt Learning C entre, Port Harcourt, Rivers State, Nigeria: In View 2019 – 2022
- PGD, Management, University of Port Harcourt, Rivers State, Nigeria: 2015 – 2017
- NYSC, National Youth Service Corps, Abuja, Nigeria: 2004 – 2005
- B. Eng., Mechanical Engineering, Federal University of Technology, Minna, Niger St ate, Nigeria: 1998 – 2004

PROFESSIONAL DEVELOPMENT

Maintenance, Reliability, Asset Management:

- Understanding Recruitment Dynamics (2022) – *Loreche Consulting and HR Services*
- Introduction to End-to-End Recruitment|| Introduction to Competency Based Intervie ws – (2021): *Workforce Group*
- Certified Maintenance and Reliability Professional, CMRP – (2021): *SMRP*
- Supervising Others – (2021); Manager Management|| Project Management|| Supply C hain and Contract Management – (2020): *Clarionttech Services Limited*
- Asset Management|| Procurement and Logistics Management – (2020): *Cornerstone*
- Cost Engineering and Management – (2020): *Ornament Engineering with NSE*
- Conflict Management, Resolution and Transformation (2020*): ICRPC*
- Commissioning and Startup (2020): *CommissioningAndStartup CX*
- Industrial Electrical Installation and Instrumentation – (2020): *KUFMAN*
- Enterprise Risk Management|| Operations and Facility Management|| Maintenance Pl anning, Scheduling and Control – (2019): *Ciel Consulting Limited*
- Failure Modes and Effect Analysis, FMEA (2018): *GoLeanSixSigma*
- Reliability Engineering Fundamentals|| Total Productive Maintenance|| Inventory Ma nagement for Engineers|| Change Management|| Applied Vibration Analysis: Analyzi ng Spectral Data – (2018): *Atlas Knowledge*
- Root Cause Analysis – (2018) || Total Quality Management – (2016): *ExpertRating*
- Controlling Maintenance Resources|| Improving Performance in Maintenance – 2018: *TPC Training*
- An Introduction to Spare Part Inventory Management – (2018): *SPKH*
- Oil Analysis – (2018): *American Petroleum Institute (API)*

- Reliability and Asset Performance Management – (2017): *TMI, Africa*
- Gas Turbine Major Maintenance|| Gas Turbine Routine Maintenance (GE MS5001 G as Turbine)|| Pump Maintenance|| Basic Troubleshooting|| Machinery Lubrication – (2018); Piping and Instrumentation Diagrams|| Preventive Maintenance|| Predictive M aintenance|| Rotating Equipment Maintenance – (2016): *360Training*
- Basic Gas Turbine Technology – (2016): *American Society of Mechanical Engineers*
- Six Sigma, Black Belt – (2016): *International Six Sigma Institute*
- Oil and Gas Production and Exploration, Level One – (2016): *IWCF*
- Reliable Performance of Compressors – (2013): *Hoerbiger Services*
- Gas Turbines, Centrifugal and Reciprocating Compressors, Pumps and Gas Engines; Operation and Maintenance Training/OJT – (2006): *GE, Oil and Gas*

Health, Safety and Environment:
- HSE Levels 1, 2 and 3 – (2020): *Onshore and Offshore Safety Institute of Nigeria.*
- BOSIET with Emergency Breathing System – (2019): *TOLMANN- OPITO*
- Permit to Work, PTW|| Risk Assessment – (2016): *First Health and Safety*
- OSHA 10Hours – General Industry (2016): *American Safety Council*
- Effective Accident Investigation|| Oil and Gas Safety Management|| Job Hazard Anal ysis|| Safety Supervision and Leadership|| LOTO – (2016): *OSHA*
- Hazard Recognition and Assessment|| Confined Space Entry – (2016): *360Training*
- Basic Fire Fighting Awareness Program – (2013): *GE, Oil and Gas*

Computer/Software:
- Maintenance Pro 7 Professional – (2019): *Ciel Consulting Limited*
- MS Projects 2013 Skills Training – (2017): *ExpertRating Professionals*
- MS Office Excel 2013 Advanced|| MS Office PowerPoint 2007, Level 2|| MS Word 2007, Level 1 and 2 – (2017): *360Training*

Workshops/ Summit/ Seminars/ Conferences/ Webinars
- Hydraulic Systems: What You Need to Know to Troubleshoot (Oct. 22, 2021): *TPC*
- Fundamentals of Reliability, Availability and Maintainability for an Offshore Explora tion Facility (October 16, 2021): *Velosi Asset Integrity Services*
- Theme: A Time for Reliability – *Global Maintenance and Reliability Forum (April 1 2-14, 2021)* || Theme: Technology – A Tool for Value Creation in Maintenance – *Thi rd Port-Harcourt Maintenance Summit (April 8–9, 2019)*: *TMI, Africa*
- Artificial Intelligence and Machine Learning – *Membership Web Meeting Technical P resentation* (April 28, 2020): *Association of Asset Management Professionals*
- Big Data and Predictive Analytics: Opportunities, Challenges and Cross-Sectoral Imp acts (April 26, 2018) – *Technical Presentation* (March 29, 2018): *NSE, P H Branch*

MEMBERSHIP/REGISTRATION OF PROFESSIONAL BODIES

- Council for the Regulation of Engineering in Nigeria, Reg. No. R38226 – *Nigeria*
- Corporate Member, Nigerian Society of Engineers (NSE), Reg. No. 42415 – *Nigeria*
- Nigerian Institution of Mechanical Engineers (NIMechE), Reg. No. 001512 – *Nigeria*
- Association of Asset Management Professionals (AMP) – *USA*
- Society for Maintenance and Reliability Professionals (SMRP) – *USA*
- The Maintenance Community (TMC), UpKeep – *USA*

HONOURS/AWARDS

- Award of letter of appreciation and impressive representation, ARCO Maintenance an d Engineering Limited, Nigeria – *2016*
- Award of letter of competency and satisfactory performance, Siemens AG Power Gen eration, Nigeria – *2016*

BIO-DATA

- Gender / Nationality/ Current Location: Male / Nigerian / Port Harcourt, Nigeria