



Michael Udoka Onyeka

I am a passionate and result-oriented professional, with over 10 years' experience, working as a Project Engineer in various organizations across the oil and gas, construction and healthcare industries. I seek to use my engineering knowledge and technical skills towards translating set goals into tangible results in the workplace through collaboration with team mates and continuous self-development opportunities.

Tel: +23408066458184 Email: mishael.onyeka@yahoo.com

Engineering / Maintenance Manager

Medilink Equipment Company/University Of Nigeria Teaching Hospital Enugu.

July 2021 - Present (2 year 1 months)



My Responsibilities includes

- Develop and implement a proactive engineering strategy.
- Plan and coordinate all engineering activities in the facility including analyzing equipment needs, reliability issues, developing preventive/predictive maintenance program.
- Ensure the optimal functionality of all equipment including medical, mechanical and electrical equipment according to standard procedure thereby enhancing optimal performance.
- Plan and oversee all repair and installation activities including managing the process of the introduction of new equipment through managing suppliers to full installation in collaboration with all relevant parties and managing the process of disposal of obsolete equipment from gaining agreement to write off to physically removing it audits safe and lawful disposal.
- Monitor expenses and control the budget for the engineering dept.
- Manage relationships with contractors and service providers
- Ensure that all maintenance operations are done in accordance with company policy.
- Forecast, order, and negotiation prices for spare parts and keep inventory of them.
- Hire subcontractors for specialized maintenance work.
- Look for new ways/tools/assets to improve productivity and cut costs.
- Develop a Planned Preventative Maintenance (PPM) schedule and ensure its implementation.
- Schedule both internal and external work(s) maximizing planned down time and reducing unplanned downtime.
- Manage contractors on site to ensure they meet legal and company requirements.
- Lead in the Performance of root cause analysis, conduct risk assessments of processes and tasks and resolve problems.
- Manage the Odoo Computerized Maintenance Management Database. (CMMS).
- Provide technical expertise to the team.
- Attend various meetings and action/communicate instructions to the engineering team.
- Ensure members of the engineering team operates in accordance with the health, safety and environmental policies and procedures of the organization.
- Ensure KPIs are met by working to the overall plan, including management of, and reporting of all engineering related issues.
- Provide weekly and monthly written report to the CEO.
- Produce quarterly written reports and make presentations to the board of directors.



Engineering Project Manager
Micardo Engineering Services Enugu State.
Aug 2018 - July 2021 (3 years)

My Responsibilities includes

- Oversee the day to day administration in the MEP (Mechanical, Electrical and Plumbing) team.
- Organize and plan the execution of projects in a cost effective, safe and timely manner.
- Ensure proper Follow up and update on all ongoing projects.
- Design MEP construction, shop and as build drawings, including CCTV and solar system for projects using AutoCAD.
- Perform cost estimation of labour and materials (BEME) and develop materials and labour schedules.
- Resolve all installation discrepancies on site in respect to drawings and standards together with the client representatives and project consultant.
- Lead the installation and construction of Building services on various sites.
- Assist in Sourcing, tendering and bidding for new projects. Preparation and documentation of bill of quantity (BOQ).
- Organize trainings and direct technicians on various projects.
- Organize and supervise daily tool box talk.
- Preparation and documentation of work schedule, standards of operation (SOP) and work instruction.
- Liaise with client representative other contractors and host communities during installations and site visits.
- Organize and document job hazard analysis (JHA) prior to execution of task and root cause analysis (RCA) in the event of an incident.
- Prepare daily weekly and monthly report to be sent to management, consultant and client.
- Assist in planning the logistics and movement of personnel and materials for projects.
- Data entry, computation and management using computerized maintenance management system.
- Ensured proper tracking of expenditures on projects and maintained logs and records of work performed and materials used.
- Champion a safety work ethics among the engineering team.
- Produced written reports and made presentations using Microsoft PowerPoint.



Commissioning Technician
Prime Atlantic Ceegelec Lagos, State
Feb 2018 - July 2018 (6 months)

My Responsibilities includes

- Carrying out pre-commissioning, commissioning & Maintenance activities on instrument and electrical systems in EGINA FPSO.
- Inspection of installations and schematics in line with designs (PRC (Preliminary checks) Activities.
- Carrying out of IR (insulation resistances on feeder cables and equipment) tests using megger meter.
- Carrying out of loop tests on power and controls cables using multimeter.
- Energization and measurements of temperature, currents, and vibrations from electric motors and transformers.
- Filling in of acquired data from tests in the EFT sheet (Electrical Functional Test).
- Ensuring Preventive & corrective maintenance activities were carried out in the case of failed circuits
- I worked on UPS, batteries and inverter systems.
- Troubleshooting of failed electrical circuits (motors, generators, and transformer)
- Assisting operations and maintenance team for the preparation and updating of the maintenance plans.
- Involved in procedures drafting, drawings issuance, studies performance, tools reviews, documentation filing, binding or data capture in computerized maintenance management system (CMMS).
- Verifying and reviewing locations of transmitters, control valves, relief valves, switches, electrical fittings, power components, transformers etc. and other components as shown on the Piping & Instrumentation Diagram (P&ID) with respect to vessels, piping,



Project Engineer
Ashbardi Energy Port Harcourt Rivers State
Sep 2014 - Jan 2018 (3 years 5 months)

My Responsibilities includes

- Served as lead maintenance engineer for company, establishing work schedules, prioritizing and assigning work, determining workloads, training staff in work procedures and inspecting work of assigned staff.
- Developed and reviewed standard operating procedure, work instruction and maintenance manuals.

- Involved in permit to work, preparation and review meetings.
- Played Supervisory role in the periodic installation and maintenance of safety equipment on production platform for various clients. (Total, Shell, Air liquide, Spie etc.)
- Involved in job hazard analysis and risk assessment evaluation.
- Acted as company representative liaising with community leaders and youths.
- Involved in caring out electrical, mechanical and process isolations before commencement of installation.
- Supervised the routine maintenance, calibration and certification of safely equipment and devices on AHU (air handling unit) chillers, compressors, generators, and water and waste treatment plant.
- Involved in plant shutdown and start-up maintenance activities.
- Involved in job planning and preparation meeting with clients alongside management.
- Leads the development and directs the implementation of strategies and plans for the maintenance dept.
- Supervised repairs and maintenance activates on the test bench.
- Organized and supervised pre-mobilization inspection in readiness for offshore projects.
- Provided timely monthly reports to the general manager.



Site Engineer

Shoreline Power Company Limited Lagos, State

Jan 2010 - Oct 2012 (2 years 10 months)

My Responsibilities includes

- Involved in the building construction, and development of new faculty of science complex at the Lagos state university Ojo campus , including installation of air conditioners, firefighting Equipment, lighting protection, earthing system, and public address system est.
- Acted as lead site engineer in the refurbishment of Nestle Nig. Ltd head office illupeju, caring out installation such as extra low voltage system, telecommunication system. HVACs system cable trucking, electrical wiring, CCTV installations etc.
- Participated in the electrical construction and installation of high-rise luxury residential development for Agbara estate limited at milestone rd. Ikoyi Victoria Island.

- Ensure strict adherence to company and clients HSE rules and policy and acting as company safety personnel site.
- Evaluation of work progress regularly and communicate delays, concerns, discrepancies and activities to the management.
- Maintained inventory of tools, PPEs, materials and personnel onsite. Organize daily tool box talk and permit to work meetings.
- Assisted in development and documentation of technical bids for new projects.
- Working and liaising with other department of the organization such as administration, and purchasing to ensure smooth operation and progress of project.
- Designing building services system for projects using AutoCAD.
- Verify MEP drawings and installation meets the required international and local standard such as IEC 60364, NERC, and NEC code.
- Caring out Quality control activities as regards tools and material purchases.
- Ensured all work is done according to standard operating procedures and work instructions.
- Attend project progress review meetings with client, consultants and other contractors.
- Submitted timely daily, weekly and monthly report to the engineering Manager.

Education



University of Port Harcourt

Master's degree (Distinction)

Engineering management 2021 - 2023



Council For the Regulation of Engineering in Nigeria (COREN)

Certificate

Electrical and Electronics Engineering 2021 - 2021



British Project Professional Society UK

Certificate

Project Management 2013- 2013



Olabisi Onabanjo University

Bachelor's Degree (Second class upper honors)

Electrical and Electronics Engineering 2004 - 2010

Skills: Facility maintenance, Maintenance Management, Commissioning, Data presentation, Hazard Recognition, AutoCAD, Contract Management, Budgets, Corporate Communications, Personnel Management, Operations Management, Strategic Planning, Workplace Safety, Managerial Skills, Microsoft Office, System Deployment, Team player, effective listening and communication. Good interpersonal skills. IT Savvy. Good data analysis and presentation skill.

Referees:

<p>Dr. Nwazor Nkolika O. Head of Department Dept. of Engineering Management Graduate School University Of Port Harcourt Choba Campus Rivers State. Mobile: 0803 472 2012 Email:nkolika.nwazor@uniport.edu.ng</p>	<p>Dr. Chioma Uwaneme Center Manager Medilink Equipment Company/University of Nigeria Teaching Hospital Ituku/Ozalla Enugu state. Mobile: 08033819559 Email:chiomauwaneme@gmail.com</p>	<p>Engr. Felix Agha Electrical preparation Engineer. Spie/Exxon Mobil Erha FPSO GMC Project. Mobile:08034264502 Email:Felix.gha@spie.com</p>
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