

CHINWEIKE AMORHA

Electrical Engineer

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9, Abayomi Street Akoka, Yaba

CAREER OBJECTIVE SKILLS

PROFESSIONAL EXPERIENCE

An Electrical Engineer with experience and core knowledge in power systems design analysis and operations, building service design and installation, passive telecom operations and Maintenance services.

ELECTRICAL SUPERVIOR PANEL/ DC HARNESS JMG Limited, Lagos

Jan 2024-Present

- Responsible for creating 2D drawing models of cable routes for wire harnesses and Control Panels
- Responsible for determining optimal cables length for assemblies and making schematic documentation Responsible for Control Panel and cable harness integration to verify cable harness fit
- Responsible for evaluating and performing engineering change requests as required
- Interface with generators' production and maintenance teams to clarify design issues and improve drawings and quality
- Appropriate and efficient usage of materials in the pursuit of zero loss
- Responsible for achieving the required production plan with an acceptable quality standard and according to specifications right the first time
- Ensures that the production process is executed correctly to manufacture looms and Control Panel as designed on time and to meet JMG expectations

PASSIVE PREVENTIVE MAINTENANCE COORDINATOR Feb 2023-Present **IPT Powertech Group, Lagos**

- Developed maintenance procedure and ensure implementation.
 - Reviewing, updating and revamping an existing passive maintenance system.
 - Working with In-House Teams to schedule and plan work orders against priority and resources.
 - Identifying non-compliant PPM site to be placed as priority for penalty and subsequent compliance.
 - Enforcing compliance to set standard and policy.
 - Extract sites which were not serviced as planned or failed PPM for penalty.
 - Generate daily, cycle and consolidated monthly PPM report.
 - Track and analyze planned versus achieved reports to ensure accuracy.
 - SLA management (compliance, process and procedures)
 - Improve performance by value added initiative, coordinating FSE, PPM validations.
 - Penalty reconciliation with FSE for each completed PPM cycle.
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QA/QC PROJECT COORDINATOR

Mar 2021-Feb 2023

IPT Powertech Group, Lagos

- Maintaining and controlling QA/QC practices with regular checks and inspections ensuring correct operation and implementation of procedures.
- Initiates and monitors the progress of Project Quality Plans (PQP), Test & Inspection plans and quality procedures.
- Collaborating with Tech Manager, SLA support, Sub-Contractors, Site worker and other professionals.
- Supervising and supporting the QA/QC E&I Engineer.
- Following up and guarantee all quality aspects (ISO).
- Drive project plans to ensure timelines are met.
- Coordinating daily Logistics & Engineers movement to site.
- Evaluate project schedule progress and performance and identify developing problem areas.
- Interact with the site engineers to define scope of work to develop and update detailed schedules.
- Monitor day-to-day work progress and prepare the weekly and monthly report.
- Undertaking Project Reviews.

QA/QC FIELD SERVICE ENGINEER

May 2019-Mar-2021

IPT Powertech Group, Lagos

- Inspected sites for power audit on single, hub and colocation telecomm sites in other to validate standard quality management system and load requirements.
- Installed and upgraded system optimization software on specialized hybrid power controllers on telecom sites.
- Performed battery storage integrity tests to determine the performance and back up time of battery banks on telecom sites.
- Provides technical support and specialized troubleshooting for all power systems alarms and shutdowns so as to ensure proper System Functionality.
- Supervised maintenance of 3KWP, 6KWP, 9KWP Solar systems at telecom hybrid sites leading to reduced energy cost and overall diesel Consumption thereby increasing Uptime in expected DCDG and Battery storage Life.
- Supervised installation, Cut over, and maintenance of DCDG generator engines, solar systems and battery storage.
- Performed QA/QC inspections and proper documentations/installation of electrical equipment's and instrumentation transmitters, marshalling cabinets, calibration, installation, wiring, termination
- Troubleshooting of RMS power and load measurement systems on telecom hybrid sites.

FIELD TECHINAL SUPPORT ENGINEER

Jun 2017-Jun 2018

Dominant Engineering LTD, Caananland, Ota

- Supervised electrical piping, Cable trunking, proper earthing and fittings.
- Designed and implementation of electrical, telecommunication and fire safety wiring diagrams.
- Supervised the distribution system of electric power in the estate with about 900 housing units and 7 prototypes.
- Ensured electrical standard way of designs.
- Drawing up plans using computer-aided design and building information modelling software.
- Ensured that all building services meet health and safety requirements and environmental legislation.
- Liaised with plumbers, electricians, surveyors, architectural technologists and other construction professional.
- Facility management.
- Managed teams of people.

INDUSTRIAL TRAINEE

April 2015-Oct 2015

Transmission Company of Nigeria New heaven Enugu Substation

- Assisted Electrical maintenance department, maintenance of the switchyard (330/132KV) equipment's.
- Assisted in Filling of the SF6 gas of the circuit breakers.
- Assisted in Changing of Transformer oil and Transformer testing.
- Assisted Operations department, taking hourly readings of the voltages and current at each bus bar, Transformer and other connected switching stations.
- Supported in taking note of Tripping's caused by earth fault, over current, on the lines and switching on the breaker to annul the fault and resuscitate the line back when on proper condition.

Learnt how to Load shed.

EDUCATION**Bachelor of Engineering (Electrical)**

2016

University Of Nigeria, Nsukka

Relevant Coursework: Instrumentation, Control system, Power system & Communication, Machine & Drive. Power Electronics

FIELD EXPERTISE

- Remote Monitoring system
 - Quality Control
 - Routine Maintenance
 - Hybrid Systems/ Variable speed Generator Expertise
 - Electrical Service Design
 - Solar PV /Inverter installation
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COMPUTER SKILL

- Microsoft Word Packages
 - ETAP/ SKM Power Tool
 - AUTOCAD
 - PVSYST/HELIOSCOPE
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CERTIFICATION

- Responsive Web Design (HTML, CSS)
 - Licensed Six Sigma Yellow Belt (6sigma study)
 - Practical industrial Process (Total Automation Concept)
 - Nigerian Society of Engineers (Graduate Membership)
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ACHIEVEMENT

- IHS Telcom cell site Solar upgrade project.
- ATC Telcom Cell Site Power Audit Project
- Winners Housing Estate Project.

