ODEWABI,
Babatunde Adeolu

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CAREER SUMMARY

- **A certified Electrical and Instrumentation Engineer with over a decade of experience in Electrical, Instrumentation and Automation Control System and Equipments in the Oil and Gas Industry, Power and Energy Industry,FMCG and Manufacturing company**
- **An expert at carrying out Installation, Troubleshooting, Repairs, Commissioning, Calibration, Planned Plant and Maintenance, Training and Brake down Repairs on Offshore/Onshore**
- **Fully conversant with and performs work within the permit to work and environmental procedure**
- **A Charismatic team leader, able to motivate and lead teams to achieve result**
- **Solid understanding of Distributed Control System, proficient in reading P&ID Blue-print, Datasheet, Circuit Diagram and Repair of Electrical Equipment**

PROFESSIONAL EXPERIENCE

NIGERIAN AGIP OIL COMPANY /OBOB GAS PLANT OMOKU, RIVERS –STATE
Field Engineer (Electrical Maintenance, Instrument, & Automation Engineer) 2012 – Present
Global Maintenance on Electrical and Instrumentation Equipments (Offshore, Onshore and FPSO)

- **Analyzed faults on CAT engine generators using CAT Electronic and Digital Diagnosis Technician.**
- **Install and maintain Caterpillar Power Equipment with Electronic Modular Control Panel (EMCP).**
- **Used Electronic Test Equipment such HART Communication to accurately determine performance of Transmitters and l/P Controller Components.**
- **Integrity checks on associated field Instruments in the plant ensuring that physical process variable such as temperature, pressure, flow and level maintain their correct operating valves.**
- **Work with team lead to performed troubleshooting on analog and digital systems, to configure, callibrate, repair, implement PPM on Instrumentation**

Equipments and Installation work to required standard.

- **Daily monitoring of Instrument related running equipment via the DCS**
- **Disassembles, repairs,assembles and install instrumentation and electrical equipment as required**
- **Ability to read drawing such as P&IDs wiring schematics and vendor print.**
- **Works safely and effectively use test equipment such as Multimeter and Electronic Technician**
- **Ability to work independently or as of a part of a team and ability to plan and organize own work.**
- **Preparation of daily plant reports, monitor job tickets and inspect completed jobs, recorded hourly readings of GT parameters e.g. frequency, gas pressure, speed etc.**
- **Perform corrective and preventive maintenance on turbines, Gas and Diesel Generator compressors and Instruments**
- ***Installation, Pre-Commissioning & Commissioning of project work for Globacom Ltd, Chevron, Total-ELF Petroleum, Mobil- Eraha, Shell(Agbada1&2) , Savannah Energy, Energy, Aiteo and Seplat etc.***
- **Daily operation and maintenance of 125MW Gas Turbines (GT) GE Frame 9E Mark VIe Control system.**
- ***Central Control Room Operation (CCR), Start-up operation and shutdown of power generating systems (GT, HRSG and ST) via Human Machine Interface (HMI) and Distributed Control System (DCS)***
- ***Mark VIe turbine control - speed control, automatic generator synchronization, load control and trip troubleshooting and diagnostics***
- ***Used of P&ID to improve quality of safety analysis, facilitate better planning for maintenance and plant shutdown, and better management of risk based inspection processes.***
- ***Electrical Troubleshooting and repairs, preventive maintenance, power plant installation and services, electrical measurement and instruments maintenance and maintenance, electronic control panel installation***
- ***Consulting manuals, reading and interpreting circuit diagrams, blueprints, and schematics***
- ***Quality assurance, quality checks, control (QA &QC) and testing***
- ***Installation of lightings& fittings ,electric motor and pumps***
- **Installation and Maintenance of atlas copco compressor**
- **Coordinating/supervision of assigned project work, repairs, service and maintenance of different capacity of Caterpillar, Cummis Perkins, Gas and diesel engine isgenerating sets and Rotating Equipment.**
- **Training of Technicians on testing and Pre-commissioning of newly assembled generator, and, how to read technical/panel diagram.**
- **Supervision of Top end and complete overhaul of Olympia and CAT generators**
- **Commissioning of caterpillar generator using power load bank(PLB) for 72hours of load testing as to ascertain the maximum load generator could sustained**

- **PERMIT TO WORK (PTW) and JOB HAZARDS ANALYSIS (JHA) documents for routine, major & special tasks to be carried out within NAOC premises**
- **Troubleshoot, diagnose and rectify complex faults on CAT (Diesel and Gas) Engines & Machines.**
- **Application Engineer - Installation, troubleshooting and programming of panels such as EMCP, AUTOMASKIN, AUTOCRANKING, MURPHY, DEEPSEA, DEIF, EASYGEN, WOODWARD.**
- **Commissioning of CAT Engines for various applications**

- **Develop and implement root cause analysis program for entire facility's maintenance.**
- **Perform inspection on control panels, and motors to determine instrument and device status.**

SAIPEM CONTRACTING NIGERIA LIMITED **Port Harcourt**
Intern Instrumentation Engineer ***2007***

- **Performed basic troubleshooting on SCADA and DCS CS3000 Yakogawa.**
- **Oversaw the effective maintenance of pneumatic control and motorized valves.**
- **Maintained and calibrated transmitters PT, LT, TT, DPT (Rosemount, Yakogawa, Honeywell, Etc).**
- **Maintained and modified existing systems according to production requirements.**

EDUCATION

UNIVERSITY OF LAGOS **Akoka**
B.Eng. Electrical and Electronics Engineering, 2009

SKILLS:

TECHNICAL SKILLS: Testing, Electrical Maintenance, Equipment and Control, Project Engineering, Power Generation, Inspection and Operator and Troubleshooting, Microsoft Office, Rotating Equipment, Instrument, Assembly and Overhauling, Process & Safety Control, Microsoft Excel, Supervisory Skill and Managerial Skill, Electronic Design ,SCADA and PLC, Installation, Commissioning, Project and Planning managerial internet, Offshore and Onshore, Programming and Calibration.

TRAINING

2014: Caterpillar Electronic Training – MANTRAC

- **Programming all sets of EMCP**
- **Calibrating Set of Injector Diesel Engine**
- **Configuration of EIS for Gas, ECM for Diesel,**
- **Caterpillar Electric Power Generation (EPG) Training – MANTRAC**
- **Gas 3500C**

- **Diesel Engine**
- **Rotating Equipment**
- **Electronic Engines and Latest Caterpillar Series**
- **Caterpillar Electric Power Generation Training – MANTRAC & NAOC**
- **Overhauling- MANTRAC & NAOC**
- **Troubleshooting- MANTRAC & NAOC**
- **Safety Centre onshore, offshore – NAOC**
- **Automation & Programming NAOC**
- **Rotating Equipment: Compresssor,Pump and Gas Turbine- NAOC**
- **Field Operator & Instrument NAOC**
- **PLC and DCS NAOC**
- **QAQC NAOC**
- **Electrical & Electronic Design**

IT Skill:

- **Operating systems : Windows XP, 7,NT, 2008 Server**
- **Programs : Office Tools , AutoCAD**
- **Internet : Very good**
- **PC Networking : Very good**
- **PC HW maintenance : Experienced**

Project

- **Installation and Commissioning of G3508**
  Client: Nigerian Agip Oil Company
  Location: Irri Flow Station in Delta State
- **Overhauling and Commissioning of G3512 and G399**
  Client: Nigerian Agip Oil Company in Imo state
  Location: Akri Flow station in Imo state
- **Overhauling and Commissioning of G3512**
  Client: Nigerian Agip Oil Company
  Location: Oshie Flow in River state

Languages:

- **English: Fluent; read, write and speak**
- **Yoruba: Mother tongue**

Personal Detail:

- **Sex Male**
- **Marital Status Married**
- **Nationality: Nigeria**

Availability

- **Earliest start date: Given 2 week notices:**

Declaration

I hereby declare that all information stated above is true to the best of my knowledge.

(Updated on January, 2021)

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