

EKPENYONG IBORO INNOCENT

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Electrical /Electronics Engineer: Specialized in Instruments & Control System Background

- Electrical/Electronics Engineer with a progressive eight (8) years experience in maintenance & operations, reliability, pre-commissioning, Commissioning, and start-up of Oil & Gas, Power plant, and Chemical industry related.
- Practical and in- depth knowledge in troubleshooting/faults detection on mechanical, electrical & instruments equipment such as pumps, compressor, turbines (gas & steam), cranes, electric motors, pressure transmitter, heat exchangers, valves and vessels in accordance with API and international standards.
- With extensive instrumentation, control and automation background in the Oil & Gas industry.
- Skilled at troubleshooting, diagnosing and proffering effective solutions to complex electrical and electronic problems.
- Seeking an opportunity to fully utilize my knowledge and expertise.

AREAS OF EXPERTISE

- Instrumentation & Control
- Equipment Calibration
- ALSTOM – Gas Compression Systems
- Solar Turbine - Gas Compression Systems
- GE – Thermodyn Compression Systems
- Integrated Communication Safety Systems (ICSS)
- Rolls Royce Turbines (RB211)
- Diesel Generators (FRAMO & CAT)
- Fire Fighting Equipment
- Process Automation
- Distributed Control Systems (DCS)
- Safety Integrated Systems,

PROFESSIONAL EXPERIENCE

SPIE OIL & GAS – Lagos (Deep Water Offshore)
Client: EXXON MOBIL (ESSO Exploration & Production Nigeria) ERHA FPSO (OML 133) July 2019 – Present
Senior Instrument Technician

- Supervised junior instrument technicians in plant maintenance and repair activities
- Developed and implemented a root cause analysis program for the entire facility's maintenance.
- Performed inspection on control panels, and motors to determine instrument and device status

- Expertly performed preventive maintenance and calibration of equipment and systems, earning outstanding reputation for proficiency and quality.
- Perform metering revalidation on the metering skid.
- Expertly perform quarterly revalidation of ultrasonic flow meter with the vendor.
- Expertly perform 6 monthly calibration of instrument devices on the turbine generators.
- perform 8 monthly calibration of instrument devices on the turbine compressors.

SPIE OIL & GAS
Client: TOTAL E & P - AKPO FPSO (OML 130) June 2018 – July 2019

Senior Instrument Technician

- Supervised junior instrument technicians in plant maintenance and repair activities
- Developed and implemented a root cause analysis program for the entire facility's maintenance.
- Performed inspection on control panels, and motors to determine instrument and device status
- Expertly performed preventive maintenance and calibration of equipment and systems, earning outstanding reputation for proficiency and quality.
- Perform metering revalidation on the metering skid.

PONTICELLI NIGERIA LIMITED Jul 2017 – June 2018
Client: TOTAL E & P OWNED FSO UNITY

Senior Instrument Technician

- Repair, maintain standards and specifications of all instrumentation and control systems.
- Diagnose equipment fault by interpreting P&ID, electrical diagrams and schematics.
- Design preventive maintenance schedule (PMS), reducing operation downtime to nearly zero (0).

SPIE OIL & GAS – Oct 2015 – Jul 2017
Client: TOTAL E & P OWNED AMENAM KPONO(OML 99)

Senior Instrument Technician

- Supervised junior instrument technicians in plant maintenance and repair activities.
- Developed and implemented a root cause analysis program for the entire facility's maintenance.
- Performed inspection on control panels, and motors to determine instrument and device status.

- Expertly performed preventive maintenance and calibration of equipment and systems, earning outstanding reputation for proficiency and quality.

SPIE OIL & GAS – Port Harcourt Nov 2013 – Oct 2015
Client: TOTAL E & P (JVA) OWNED AMENAM KPONO PLATFORM (OML 99)

Junior Instrument Technician

- Reviewed and controlled materials and spare parts standardization for instrumentation equipment
- Managed spare parts inventory; ensure availability for routine, defect and shutdown maintenance.
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- Performed corrective and preventive maintenance on equipment, reducing system downtime.
- Maintained records and prepared technical reports regarding assigned engineering activities.
- Conducted electrical audit, insulation resistance tests and continuity tests on equipment.
- Troubleshoot, detect and resolve electrical faults.

EDUCATION

HND Electrical/Electronics, Akwa-Ibom State Polytechnic, 2020[In view]

OND Electrical/Electronics, Akwa-Ibom State Polytechnic, 2017

CERTIFICATION/TRAINING

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- 2015: Pressure Measurement & Industrial Application – **Spie Oil & Gas Competency Training**
- 2015: Level Measurement & Industrial Application – **Spie Oil & Gas Competency Training**
- 2015: Flow Measurement & Industrial Application – **Spie Oil & Gas Competency Training**
- 2015: Temperature Measurement & Industrial Application – **Spie Oil & Gas Competency Training**
- 2014: Apave Training (Bo, Ho-Hov, B1-B1v)
- 2014: Helicopter Underwater Escape Training (HUET)
- 2014: Survival at Sea
- 2013: Work at Height
- 2013: Environmental Awareness
- 2013: Safety Awareness
- 2013: Advanced Authorized Gas Tester
- 2013: Risk Assessment Program
- 2013: Fire Fighting Equipment
- 2013: Ergonomics

- *2013: Body Mechanics and Tools*

ADDITIONAL SKILLS

- Team player with exceptional technical, analytical and troubleshooting skills
- Able to troubleshoot, diagnose, install, maintain, repair and operate the following equipment:
  - Rolls Royce Turbines
  - Diesel Generators
  - Fire Fighting Equipment
  - Human Machine Interface (HMI)
  - GE – Thermodyn Compression Systems
  - Integrated Communication Safety Systems (ICSS)
  - Safety Integrated Systems,
  - ALSTOM – Gas Compression Systems, Etc

References Available On Request.