

# PROFESSIONAL RESUME

Ayoro



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|----------------|---------------------------------------------------------------|
| NAME           | Arhiomawha Ayoro                                              |
| JOB TITLE      | Project Manager, Project Engineer, CSR, Site Engineer & QAQC. |
| DIVISION       | Projects, Construction and Structures                         |
| QUALIFICATIONS | M.Eng Civil Engineering, B.Eng Petroleum Engineering, PMP     |
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## Work Experience

### NPDC OML20 EGBEMA WEST NAG/AG GHF GREEN FIELD PROJECT

Apr 2015 –Till date

Project/Site Engineer

Design, Procure, Fabricate, Install & Commission 50MMscf/d gas processing facility.

### MONIPUL AGBANI FPF TECHNICAL SURVEY

Apr 2018 –May 2018

Project/Site Engineer

- Carry out an independent on the spot assessment of equipment installation, construction and hookup works in line with international best practices for all the discipline areas including process, mechanical/Piping, Electrical &Power, instrumentation and automation, technical safety, civil/structural and telecommunications.
- Ensure that all critical actions (e.g. HAZID, HAZOP, Safety Review, Kick-off Meeting) are closed out in a timely manner without disrupting ongoing work
- Conduct P&IDs plant work through to confirm piping fittings specifications, vessels sizes and ratings, valves & fitting types and specifications together with other loose items are installed according to recommendations in the post –HAZOP P&IDs.
- Ensure that installed valves are correct type and fit for purpose and installed in the correct direction.
- Punch list any non-compliance and recommend corrective measures.
- Confirm that PSV settings on all vessels and piping are in accordance with recommended settings.
- Confirm availability of power, air, and hydraulics to all actuated valves.
- Confirm the availability of functional fire-fighting systems.
- Prepare detailed report of Technical Survey and proffer practicable solutions for implementation.

### NPDC OML34 UTOROGU NAG 2 PRE-STARTUP AUDIT

2016

Project Lead

- Develop check list for use in PSUA.
- Review the status of construction and installation works with relevant / applicable documentation in line with the agreed specifications and procedures.
- Carry out an independent on the spot assessment of equipment installation, construction and hookup works in line with international best practices for all the discipline areas including

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process, mechanical/Piping, Electrical &Power, instrumentation and automation, technical safety, civil/structural and telecommunications.

- Ensure that all critical actions (e.g., HAZID, HAZOP, Safety Review, Kick-off Meeting) are closed out in a timely manner without disrupting ongoing work.
- Conduct P&IDs plant work through to confirm piping fittings specifications, vessels sizes and ratings, valves & fitting types and specifications together with other loose items are installed according to recommendations in the post –HAZOP P&IDs.
- Ensure that installed valves are correct type and fit for purpose and installed in the correct direction.
- Confirm hydro-test report on spool pieces are tested in accordance with the approved test pressures and for respective spools and the spool and the spool ANSI class, check all tag numbers are installed in line with approved drawings.
- Punch list any non-compliance and recommend corrective measures.
- Confirm that PSV settings on all vessels and piping are in accordance with recommended settings.
- Confirm availability of power, air, and hydraulics to all actuated valves.
- Confirm the availability of functional fire-fighting systems.
- Prepare detailed report of PSUA and inspection and proffer practicable solutions for implementation.

## **EUNISELL EPF EQUIPMENT SURVEY:**

**July, 2016**

**Lead Document Controller**

- Create & Use of In-house numbering tool for numbering documents.
- Create & Use Master Document register (MDR).
- Create & Use document filling Instructions & Structure.
- Updating and maintaining Projects LAN
- Create & Use Correspondence log.
- Use of FTP server.
- Sending & receiving of transmittals.
- Ensure the effective implementation of project procedures e.g. Information Security / Meta Data Capture / Handover to Operations etc.
- Establish and maintain the required registers/distribution matrix for documents, drawings and correspondences, and use of these to issue regular status reports to project management team (PMT).
- Supervise the day-to-day operation of the mini Document Control Centre at Project Site, having regard to changes in resource requirements.
- Produce System User guides and Work Instructions to support and guide project team in easy retrieval and archiving of data.
- Operate reproduction equipment.
- Maintain Project files electronically and manually.
- Maintain a database / registers of all project documents (electronic/hardcopy)
- Manage changes to computerized or manual control records, release documents, and notifies affected Project personnel.
- Confer with document originators or Project team personnel to resolve discrepancies and compile required changes to documents.
- Examine documents, such as reports, drawings, change orders, and specifications to verify completeness and accuracy of data.

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## **NPDC OML119 OKPOHO WELLHEAD PLATFORM TECHNICAL SURVEY**

**June 2016**

**Project Lead**

- Carry out an independent on the spot assessment of equipment installation, construction and hookup works in line with international best practices for all the discipline areas including process, mechanical/Piping, Electrical &Power, instrumentation and automation, technical safety, civil/structural and telecommunications.
- Ensure that all critical actions (e.g. HAZID, HAZOP, Safety Review, Kick-off Meeting) are closed out in a timely manner without disrupting ongoing work
- Conduct P&IDs plant work through to confirm piping fittings specifications, vessels sizes and ratings, valves & fitting types and specifications together with other loose items are installed according to recommendations in the post –HAZOP P&IDs.
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- Confirm that PSV settings on all vessels and piping are in accordance with recommended settings.
- Confirm availability of power, air, and hydraulics to all actuated valves.
- Confirm the availability of functional fire-fighting systems.
- Prepare detailed report of Technical Survey and proffer practicable solutions for implementation.

## **NPDC OML34 UTOROGU NAG 2 DOMGAS GREEN FIELD PROJECT**

**Apr 2011 – Dec 2015**

**Lead Site Engineer**

I. Lay, hook up and commission 2x12"x 12km (Bulk line & Export line) and 1x8"x12km (testline) gas pipelines from Ughelli East to Utorogu Gas Plant.

II. Design, Procure, Fabricate, Install & Commission 150MMscf/d gas processing facility

## **NPDC OML34 UTOROGU NAG 2 DOMGAS GREEN FIELD PROJECT**

**Jun 2014 – 2015**

**QA/QC Engineer**

Construction of equipment foundations for Utorogu NAG2 Gas handling facility

## **NPDC UTOROGU-UGHELLI DOMGAS PIPELINE PROJECR & ASSOCIATED GAS SOLUTION PROJECT**

**Jun 2014 – 2015**

**QA/QC Engineer**

Construction of 12.5km length of domestic gas pipeline – 12 inch diameter P.E coated test line. P.E coated bulk line, and P.E coated Return line including 5.514km associated gas line.

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## UTOROGU NAG 1 GAS PLANT IMPROVEMENT PROJECT

Jan 2011 – Apr 2011

Lead Site Engineer

- Replacement/Installation of 6 Nos. 1600kW Shell & tube Inlet Gas/Sales Gas Heat Exchanger (HEX).
- Replacement/Installation of 6 Nos SMS Inlet Scrubber. s
- Replacement/Installation of 6 Nos. 270kW Shell & tube, Glycol/Condensate HEX
- Replacement/Installation of 1 No. 1200kW Water bath heater system.
- Replacement/Installation of 1 No. 16" x 600# Back Pressure Control Valve (BPV) on the export line.

## DELTA STEEL COMPANY (DSC) LIMITED

2007- 2010

Senior Civil Engineer.

- Usage of crushe Magnesias Carbon bricks as gunning mass to ensure continuity of production (Kaizen Project)
- Made 100mm thick Impact Pad to reduce breakout in tundish (Kaizen Project).
- Formulation of ladle key bricks out of Normal ladle bricks to line Ladle bottom (Kaizen Project).
- Inspection and maintenance of Lime Plant Rotary Kiln, Demolition and casting of failed refractories, welding of anchors in Position and casting.
- Design and formulate BOQ for Ladle, Tundish & Vessel linings, using AutoCAD.
- Formulate detailed work plans for the maintenance and repair of all civil structures and installations and refractory brick lining.
- Develop, conduct, and evaluate engineering studies associated maintaining and repairing refractory brick lining for improving efficiency and standards and reducing costs.
- Preparation of designs and plans for approved modifications of refractory brick lining work
- Analyze data, designs, and performance of new and/or existing refractory brick linings work in terms of refractory types and determine the need for modification with respect to utilization efficiency and consistency with established safety standards.
- Inspect and reviews the various work activities of assigned personnel and provides the required technical guidance and work directives to respective personnel as required.
- Ensure the efficient maintenance, inspection, and repair of all refractory brick lining work both in terms of integrity, quality, and quantity.
- Preparation of comprehensive and timely reports of preventive maintenance, inspection, repair, utilization of manpower and materials, on-the job accidents and injuries, cost control, and other reports related to refractory section.

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## PERSONAL SKILLS

Excellent communication skill  
Ability to interpret P&IDs, civil, electrical, instrument & mechanical drawings.  
Able to develop and manage schedules in Microsoft Project and/or Primavera P6  
Conversant with standard construction specifications section 12, 17, 18 etc.  
Team player  
Good interpersonal relationship  
Microsoft-Office  
AutoCAD  
Ability to work under demanding conditions.

## REFEREES

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