

MECHANICAL / PIPING ENGINEER

OBODOAGWU, Ikechukwu Peter.

E-mail: Obodoagwupeter@gmail.com

Mobile: 08061260989.

<https://www.linkedin.com/in/obodoagwu-peter>

PERSONAL DETAILS

Contact (Home) Address: 1 Oluwole Close, Fidiso Estate, Abijo – Ibeju-Lekki, Lagos.

BIOGRAPHIC DATA

Sex: Male
Marital Status: Single
Nationality: Nigerian
State of Origin: Delta State

PERSONAL PROFILE

I am a Mechanical/Piping Engineer with over 5years progressive experience which gives me the ability to quickly grasp new technical details and assess implications for operational planning. Who is a passionate, goal driven, energetic person with a result-oriented approach to any task that I undertake. I seek to leverage my knowledge, experience and drive to visibly contribute to the growth of your organization and develop myself.

WORK EXPERIENCE.

Date	Body/Firm/Company	Position
NOV,2019 – TILL DATE	Dangote Refinery/ ONSHORE Construction FZE	Piping Engineer
SEPT, 2018 – NOV,2019	Dangote Refinery/ OMITI Engineering FZE	Junior Piping Engineer
NOV 2016	Govt. Day Arabic School, kirikasamma- Jigawa	Teacher (NYSC)
JULY 2014	Nigerian Petroleum Development Company (NPDC)	INTERN (SIWES)

PROJECTS WORKED ON AT ONSHORE CONSTRUCTION FZE

- ✓ Dangote Refinery/ Underground Piping Project
 - Above Ground and Underground Piping processes.

JOB RESPONSIBILITIES AT ONSHORE CONSTRUCTION FZE

- ✓ Analyse all mechanical designs and prepare various concepts for piping designs and develop required mechanical drawings using the project software.
- ✓ Study and review the Piping Design documents (P&ID, Isometrics, GA's, Tie-ins list, Supports Details, and MTO).
- ✓ Review the piping activities and completion in accordance with schedule requirements.
- ✓ Measurement checking of piping spool as per isometric & release for welding. Developed conceptual routing, piping layout and piping information of major critical equipment of the project in 3D CAD format.
- ✓ Tracking Bill of Materials. Provide support to all CADD functions and develop and maintain all activities according to project schedule and prepare appropriate forecasts.

- ✓ Develop new methods to recommend improvements to all activities of the piping section.
- ✓ Detail scheduling of works daily and weekly.
- ✓ Ensuring implementation and adherence to project specifications and procedures.
- ✓ Coordinate with the engineering, procurement and project team to ensure that project schedules are met.
- ✓ Documentation of work reports and all files.
- ✓ Prepare piping work packages and its trackers for efficient delivery to clients.
- ✓ Provide assistance to all senior engineers and recommend improvements to all designs and travel to site to analyze all equipment and maintain efficient relation with all plant personnel.
- ✓ Prepared design based standard drawings with required specifications with highest quality.
- ✓ Checking of piping and vendor drawings in accordance with the specs. and codes.

PROJECTS WORKED ON AT OMITI ENGINEERING FZE

- ✓ **Dangote Refinery/JNK Heaters Project**
 - Erection of heaters/Modules (CDU, CCR).
 - Spooling of isometric drawing for construction.
- ✓ **Dangote Refinery/Trading Facility project**
 - Pipeline and Piping Processes.
 - Spooling of isometric drawing for construction using client software (EPCROMAN).
- ✓ **Dangote Refinery/ Underground Piping Project**
 - Above Ground and Underground Piping processes.

JOB RESPONSIBILITIES AT OMITI ENGINEERING FZE

- ✓ Study and review the Piping Design documents (P&ID, Isometrics, GA's, Tie-ins list, Supports Details, and MTO).
- ✓ Tracking Bill of Materials.
- ✓ Fabrication and erection of spools.
- ✓ Assign all proper resources according to the needs of every project.
- ✓ Develop new methods to recommend improvements to all activities of the piping section.
- ✓ Detail scheduling of works daily and weekly.
- ✓ Review the piping activities and completion in accordance with schedule requirements.
- ✓ Measurement checking of piping spool as per isometric & release for welding.
- ✓ Ensuring implementation and adherence to project specifications and procedures.
- ✓ Coordinate with the engineering, procurement and project team to ensure that project schedules are met.
- ✓ Documentation of work reports and all files.
- ✓ Prepare piping work packages and its trackers for efficient delivery to clients.
- ✓ Provide assistance to all senior engineers and recommend improvements to all designs and travel to site to analyze all equipment and maintain efficient relation with all plant personnel.
- ✓ Prepared design based standard drawings with required specifications with highest quality.
- ✓ Checking of piping and vendor drawings in accordance with the specs. and codes.
- ✓ Developed conceptual routing, piping layout and piping information of major critical equipment of the project such as towers/columns, heaters, compressors and reactors, in 3D CAD format.
- ✓ Provide support to all CADD functions and develop and maintain all activities according to project schedule and prepare appropriate forecasts.
- ✓ Analyse all mechanical designs and prepare various concepts for piping designs and develop required mechanical drawings.

PROJECT WORKED ON AT NIGERIAN PETROLEUM DEVELOPMENT COMPANY (NPDC) LTD

- ✓ Sectional replacement of damaged process line at Oredo flow station.

JOB RESPONSIBILITIES AT NPDC

- ✓ Petroleum processing facility and equipment maintenance.
- ✓ Provided Periodic detailed report on facility and equipment status and requirements.
- ✓ Data collection from points of interest and indicators (e.g. Meters) for analysis.
- ✓ Coordinate with the engineering, procurement and project team to ensure that project schedules are met.
- ✓ Provide up to date data and summary on progress matters as and when needed.
- ✓ Assist during a sectional replacement of a damaged pipeline.
- ✓ Highlight critical activities and other constraints to Management.

SOFT SKILLS

- ✓ Proficient in the use of Microsoft Office Suite, such as M.S word, Excel, Access, Publisher & Power point.
- ✓ Ability to meet deadlines as instructed.
- ✓ High level mathematical proficiency.
- ✓ High level understanding of AutoCAD, (AUTOSPOOL, SPOOLMAN, ERMAN), NAVISWORKS.
- ✓ Strict adherence to company policies and mode of operation.
- ✓ High energy level in undertaking tasks and project.
- ✓ Being creative in undertaking projects.
- ✓ A resourceful team player with great attention to details.
- ✓ Familiar with the codes: ASME, B 31.1, B31.3, B16.5, B16.11

EDUCATIONAL QUALIFICATIONS, SCHOOLS AND DATES

Schools	Qualifications	Dates
Ambrose Alli University, Ekpoma, Edo State.	Bachelor of Engineering in Mechanical Engineering.	2015
Nigerian Navy Secondary School, Ojo Lagos.	West Africa Senior Secondary Certificate Examination.(S.S.C.E)	2006
Nigerian Navy Primary School, Ojo Lagos.	First Leaving School Certificate (F.L.S.C)	2000

COMPUTER/SOFTWARE PROFICIENCIES

MS-Excel, MS-Word, MS-Power Point, MS-Access, MS-Publisher, Internet Navigation, AutoCAD, EPCROMAN (AUTOSPOOL, SPOOLMAN, ERMAN), NAVISWORKS.

REFEREES

Referees are available on request