**SUNNY**

**(Email:** **sunny.328001@2freemail.com** **)**

**Qualification**: Bachelor Degrees in Mechanical Engineering

**CAREER SUMMARY**: About seventeen years experience in detail engineering of EPIC Projects and Coordination of construction, installation of onshore/offshore crude oil/gas production and re injection lines

**WORKING EXPERIENCE**

**MAKON ENGINEERING & TECHNICAL SERVICES LTD, PORT HARCOURT, NIGERIA**

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| **Designation: Technical Manager (Acting)****Duration: October 2015 till date*** Assist in managing the Engineering, Procurement, installation and commissioning works for Central Control room upgrade project for NLNG Bonny Island
* Design modification of structures and deck extension at Condensate Metering Platform in the Repair and Modification to Condensate metering Skid for NLNG at Bonny Island.
* Design modification of Piping and Isometric lines at Condensate Metering skid in the Repair and Modification to Condensate metering Skid for NLNG at Bonny Island.
* Design modification, fabrication and installation of piping at Soku flow station in the Soku Flow Station Metering Upgrade Project for SPDC
* Must ensure teams follow the correct procedures, policies and documentation requirements across project phases
* Able to guide the team through the development, testing and implementation stages and review the completed work effectively
* Provide direction and technical expertise in design, development and systems integration
* Able to make quick decisions and solve technical problems to provide an efficient environment for project implementation
* Identify resource and equipment requirements, efficient capacity planning and manage software and hardware availability
* Must provide technical training to teams when required and serve as a technical mentor to team members
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**MAKON ENGINEERING & TECHNICAL SERVICES LTD, PORT HARCOURT, NIGERIA**

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| **Designation: Acting Technical Manager and Project Manager(NLNG CCR Project)****Duration: October to December 2015** * Manage the Engineering, Procurement, installation and commissioning works for Central Control room upgrade project for NLNG Bonny Island
* Design modification of structures and deck extension at Condensate Metering Platform in the Repair and Modification to Condensate metering Skid for NLNG at Bonny Island.
* Design modification of Piping and Isometric lines at Condensate Metering skid in the Repair and Modification to Condensate metering Skid for NLNG at Bonny Island.
* Monitors design, construction, pre-commissioning, commissioning and other projects activities to ensures they comply with terms & conditions of the contract.
* Coordinates technical supports to Business Development unit during bidding processes
* Ensure compliance to all HSSE rules and standards for successful execution of projects without any HSE cases.
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**MAKON ENGINEERING & TECHNICAL SERVICES LTD, PORT HARCOURT, NIGERIA**

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| **Designation: Lead Mechanical & Piping Engineer****Duration: December 2012 to September, 2015*** Design engineering, construction and installation of interconnecting piping of Micro-turbine for Bristow helicopter at NAF base Port Harcourt.
* Design modification of structures and deck extension at Condensate Metering Platform in the Repair and Modification to Condensate metering Skid for NLNG at Bonny Island.
* Design modification of Piping and Isometric lines at Condensate Metering skid in the Repair and Modification to Condensate metering Skid for NLNG at Bonny Island.
* Design modification, fabrication and installation of piping at Soku flow station in the Soku Flow Station Metering Upgrade Project for SPDC
* Preparation of welding procedure specification (WPS), mechanical work procedures and

 specification. * Fabrication of piping networks for the installation of CAT Diesel and Gas generators at Soku Flow Station in the Soku flow Station Upgrade Project for SPDC
* Carry out steam purge/ relief valve analysis and support design.
* Review piping materials specifications for wall thickness and branch reinforcement.
* Carrying out fluid flow analysis such as surge and slug analysis, pressure drops calculation etc.
* Responsible for Design & Engineering activities of piping & Layout for oil & Gas/Refinery & Process industries etc.
* Piping system modelling and stress analysis using piping design tools
* Administer and monitor a Code of Safe Handling of Hazardous substance of company and maintain product data sheets on file.
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**MAKON ENGINEERING & TECHNICAL SERVICES LTD, PORT HARCOURT, NIGERIA**

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| **Designation: Mechanical & Piping Engineer****Duration: July 2010 to December, 2012*** Construction and Installation of Piping spools in the Soku flowstation metering upgrade project for SPDC
* Supervision of Construction (fabrication) & installation of mechanical spools and piping
* Preparation of welding procedure specification (WPS), mechanical work procedures and

 specification. * Knowledge in preparation of piping materials specification and materials requisition as per project
* Carry out steam purge/ relief valve analysis and support design.
* Review piping materials specifications for wall thickness and branch reinforcement.
* Carrying out fluid flow analysis such as surge and slug analysis, pressure drops calculation etc.
* Responsible for Design & Engineering activities of piping & Layout for oil & Gas/Refinery & Process industries etc.
* Piping system modelling and stress analysis using piping design tools
* Administer and monitor a Code of Safe Handling of Hazardous substance of company and maintain product data sheets on file.
* Undertake statutory area safety inspections in accordance with Flag regulations.
* Ensure spare parts received for safety department are fit for purpose.
* Preparation of Safety documents, such Security plan, HSE plan and JHA for different projects
* Co-ordinate and monitor the "Permit to Work" system,
* Ensures Safety Procedures and Instructions are complied with.Conduct safety exercises, musters and drills.
* Organise, undertake and participate in safety meetings and safety lectures in accordance with the fixed programme approved by the Management
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**VIKOSIL LIMITED, PORT HARCOURT, NIGERIA**

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| **Designation: Piping/Mechanical Engineer****Duration: 2009 November till July 2010*** Review and approve the vendor drawings during the detail engineering stage to meet stress design requirements.
* Help to resolve engineering non-conformity during construction phase of the project.
* Carry out steam purge/ relief valve analysis and support design.
* Review piping materials specifications for wall thickness and branch reinforcement.
* Carrying out fluid flow analysis such as surge and slug analysis, pressure drops calculation etc.
* Responsible for Design & Engineering activities of piping & Layout for oil & Gas/Refinery & Process industries etc.
* Piping system modelling and stress analysis using piping design tools
* Administer and monitor a Code of Safe Handling of Hazardous substance of company and maintain product data sheets on file.
* Undertake statutory area safety inspections in accordance with Flag regulations.
* Ensure spare parts received for safety department are fit for purpose.
* Preparation of Safety documents, such Security plan, HSE plan and JHA for different projects
* Co-ordinate and monitor the "Permit to Work" system,
* Ensures Safety Procedures and Instructions are complied with.Conduct safety exercises, musters and drills.
* Organise, undertake and participate in safety meetings and safety lectures in accordance with the fixed programme approved by the Management
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**EQUIPMENT AND CONTROLS NIGERIA LIMITED, PORT HARCOURT**

Designation: Project Engineer

Duration: Sept. 2008 to Nov. 2008

* Development of Remote Operations Capabilities Implementation (ROCI) requirements for SPDC
* Conduct of Facilities upgrade assessment
* Analysis of Results from Survey.
* Identification of Gaps between ROCI remote operability requirements and current state of facilities
* Development of Template for facilities Survey
* Maintain accurate and organised records of all safety related equipment certification and ensure, that items are inspected; surveyed, calibrated, tested etc. in good time ensuring that certification is maintained current.

**NESTOIL LIMITED, ABULOMA PORT HARCOURT**

Designation:Pipeline/Piping Engineer

Duartion: September, 2007 till February, 2008

**Project: Nembe Creek-Cawthorne Channel Trunkline Replacement Project, for SPDC-EAST.**

* Construction and Installation of 12” x 3.5km Nembe 3 delivery line and underground tie-in to the existing 12” Nembe creek Junction manifold - Nembe main manifold trunkline at a point in close proximity to Nembe Creek Junction Manifold identified
* Decommissioning of existing 8” Nembe Creek III delivery line pig launcher and installation of a new 12” Nembe creek 3 delivery line launcher.
* Minor layout modifications on the 8” pipeline pig launcher platform involving decommissioning and relocation of disused chemical injection tanks.
* Re-routing of the existing12” Nembe II delivery line to new Nembe 1 tie–in Manifold via an underground tie-in to the existing Nembe Junction Manifold – Nembe main manifold trunkline around Nembe main manifold.
* Construction and installation of a new Nembe 1 tie-in manifold with bridge connection to the existing facility. (including its platform, fencing and boat landing) and installation of the new Nembe II and Nembe III delivery lines pig receivers and the 24” pig launcher for the new Nembe Tie-in Mfd – new San Barth Mfd trunkline.
* Re-routing the existing 12” Nembe Creek Junction – Nembe Main Pipeline from the existing Nembe creek tie-in manifold to the new Nembe creek tie-in manifold.
* Construction and commissioning of new 24” x 44km trunkline between Nembe Tie-in manifold and San Barth manifold.
* Installation of block valves at St Nicholas river, Tora creek, Twoni creek, Santa Barbara, and Sego creek.
* Modifications of the gantry crane for the 10” Ekulama delivery line pig receiver to make room for tie-in spool to the new San Barth manifold.
* Breaking of Isometric spools for workshop fabrication with AutoCAD for the new 12” Nembe creek 3-delivery line launcher, new Nembe 1 tie-in manifold and the new Nembe II and Nembe III delivery lines pig receivers and the 24” pig launcher for the new Nembe Tie-in Mfd – new San Barth Mfd trunkline, etc
* Calculation of weights for the platforms for all the block valve stations, eg at St Nicholas river, Tora creek, Twoni creek, Santa Barbara, and Sego creek, including structural weight for platforms of the new Nembe 1 tie-in manifold and Nembe IV tie-in manifolds.
* Preparation of various procedures for construction and engineering departments
* Writing of JHA for different construction and engineering procedures
* Supervision of house boats rehabilitation
* Supervisory responsibility in the fabrication & installation of mechanical piping spools.

**MAKON ENGINEERING & TECHNICAL SERVICES LTD, PORT HARCOURT, NIGERIA**

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| Designation: Mechanical/Project EngineerPeriod: 2004 to September, 2007* Mechanical modification activities for the Electronic Field instrumentation Installation for Computer Aided Operations in Nun River & Imo River flow station facilities in SPDC East-including modification of spools at the inlet manifold to get differential pressure for all the wells, fabrication of instrument airline spools and tie-in of spools to change usage of gas to air for all the instrument in the facilities, modification of test separator spools for installation of differential pressure transmitters and also temperature transmitters & fabrication of spools for Coriolis meter Installation at the oil leg of test separator Redeye Water cut meter installation for SPDC facilities in Nembe 2, Nembe 3, Nembe 4, Odeama Creeks in Bayelsa state and also at Isimiri flow station facilities in Abia State- this includes Hot-tap welding of nozzle to a life line, hot-tap drilling and termination of cable for power and signals
* Roxar Water cut meter installation at SPDC west in Olomoro & Escravos flow station facilities- including modification of existing spools at the export line of the facilities, Watercut meter spools installation at the export point. Mechanical design for AENR in the Deep Offshore -Agbara Platform Revamp Project- this includes design & modification of structures & supports for installation of Distributed Control system, Emergency shut down system, Plant shut down and fire & Gas system.
* Supervisory responsibly in the design and engineering activities for manpower planning, scheduling and progress reporting to the Managing Director
* Supervision of Construction (fabrication) & installation of mechanical spools and piping
* Preparation of welding procedure specification (WPS), mechanical work procedures and specification.
* Knowledge in preparation of piping materials specification and materials requisition as per project requirements
* Review and anticipate the design changes and to co-ordinate with piping design team to resolve
* Advice Project Engineer & Manager on all piping design and fabrication related issues.

**GRAMEN PETROSERVE NIGERIA LTD, PORT HARCOURT, NIGERIA**Project Engineer **Duration:** 2001 to 2004 |
| * Project Costing, execution and supervision of environmental upgrade and closed drain segregation installation of SPDC onshore facilities-this includes fabrication & installation of flare knock-out vessels and fabrication & installation of associated spools, and tie-ins at the gas header, fabrication & installation of drain tank at the facilities at Kolo Creek flow station facilities in the swamp.
* Fabrication of associated spools for the installation of water injection tank in Abiteye for Chevron.
* Help to resolve engineering non-conformity during construction phase of the project.
* Review piping materials specifications for wall thickness and branch reinforcement.

WECO ENGINEERING & CONSTRUCTION CO. LTD PH NIGERIA |
| Field Engineer  **Duration: 2000-2001*** Project Costing, execution and supervision & upgrade for Chevron offshore facilities- including fabrication of Parabe Jacket, Fabrication of Gaslift Manifolds, Manifold Piping, Deck Extension and Interconnecting, Pigging, fabrication & Installation of Drilling Deck Extension. Fabrication of Interconnecting Piping Okan GGCP Production Platform, Installation of Wellhead valves on several Chevron Wellheads Offshore. Platform Maintenance for Addax Petroleum
* Paint surface area/weld inch calculation, materials control, inventory, fabrication substitute and procurement in accordance project specifications.
* Inform layout personnel of any change in design information that will involve a change control.
* Quality analysis and quality control of materials and fabricated piping spools and equipment to ensure that they meet the specifications of clients.
* Preparation of MTO and Interpretation of isometric drawings for fabrication as per client design and specifications
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| 1999–2000 DELTA STATE RURAL WATER SUPPLY AND SANITATION AGENCY (RUWATSAN) ASABA DELTA STATE, NIGERIA Head of Maintenance and Operations.* Design, drilling, equipping and installation of Water Supply Scheme and design of overhead tank support systems for the state water agency.
* Maintenance of hand pumps motorised and mini- motorised water supply schemes.
* Organise training courses for workers and schedule of personnel’s for different projects
* Co-ordinate with customer & consultants for obtaining approval for stress engineering deliverables.

**EDUCATIONAL INSTITUTE ATTENDED** |
| 1991–1997 University of Lagos, Akoka, Yaba Lagos, Nigeria. **B. Sc.(Mech. Engineering**)* 1988 Zik Grammar School, Sapele Delta State.

 **West African School Certificate (WASC)** |
| **SOME TRAINING PROGRAMME ATTENDED*** PROJECT MANAGEMENT TRAINING BY JC MICHAELS
* CHEVRON/TEXACO, STOP TRAINING BY CHEVRON
* SURVIVAL AT SEA TRAINING (NAOC) BY OPEANS
* HELICOPTER UNDER WATER ESCAPE TRAINING (NAOC) BY OPEANS
* HSE LEVEL 3 TRAINING FOR SPDC NIGERIA
* PIPING DESIGN TOOL, CEASER II
* INTERNAL AUDIT/QMS TRAINING
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| **PERSONAL DATA**Date of birth: 26 January, 1972Marital status: MarriedSex: MaleState of origin: Delta (Ethiope west) |