

# EMMANUEL, OAMEN

<b>Address:</b>	<b>412 Road, A close, Block 3, Flat 4, Gowon Estate, Ipaja, Lagos, Nigeria.</b>
<b>Home No:</b>	<b>+2347069472860</b>
<b>Nationality:</b>	<b>Nigerian</b>
<b>Email:</b>	<b>emm80i@yahoo.com</b>
<b>Linkedin:</b>	<a href="https://www.linkedin.com/in/emmanuel-oamen-67a68ba7">https://www.linkedin.com/in/emmanuel-oamen-67a68ba7</a>

## SUMMARY

An Electrical Engineer / electronic technician, Marine electrician/electro technical officer-ETO, with over 12 years of experience which involves 4 years working as a shore based electrical engineer, and over 8 years as a shipyard electrician, electronic technician and a marine electro technical officer. An energetic enthusiast with vast knowledge in installation, maintenance, repair, electrical machines and power engineering. I graduated with a B.Eng. in electrical/ electronic engineering with honours (University of Benin), a pioneer license holder of the Electronic Technician officer diploma course (Poland), an internationally certified vibration analyst (Norway), a certified explosion proof expert for installations in hazardous areas Exproof, ATEX, compEX (Norway), a license dynamic positioning maintenance (UAE) and a proficient Kongsberg automation engineer k chief 1 and k chief 2 (Singapore). Very proactive with excellent analytical skills as well as having good experience in working in a multinational team and operating in unfavorable positions and working conditions.

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## CORE COMPETENCIES

- Good technical ability to test electrical equipment for continuity, voltage, current, resistance, as well as very good ability to read and interpret blueprints, schematics and electrical code specification to determine layout of equipment installation (e.g. course completion certificates for Canadian electrical code for grounding and renewable energy amongst others).
- Troubleshoot, maintain and repair industrial electrical and electronic controls, automation systems, as well as calibrate and align instrumentation for transmitters for temperature and pressure, conduct planned and preventive maintenance with records on various machineries.
- Maintain, repair, test, and install various types of electrical devices especially switchgears, transformers, switchboards, regulators, and reactors as well as motors, generators, alternators, industrial storage batteries and inverter systems of 350kva and above.
- Good technical skills during building planning, construction, supervision, test of high and low voltage power lines from 33kv through the transformer to 11kv to 0.415kv during the rural electrifications projects across the country.

## **SKILLS ANDS ABILITIES**

### **Maintenance, Repair & Fault Finding**

- Good analytical skills/approach to solving simple and complex marine electro technical and electro automation problems onboard ships, shipyards and offshore supply platforms and also able to install, troubleshoot, replace/repair wiring defects, receptacles, switch boxes, conduits, feeders (high voltage and low voltage), fiber optic, and coaxial cable assemblies, and maintain navigational equipment's.
- Skilled at comprehending and interpreting circuit diagrams, blue prints, schematics and electrical code specifications for marine electrical systems of new installations, and carry out test for continuity, current , voltage and resistance, vibration, to electrical machines, and its components.
- Skilled at diesel engines, steam turbine driven generator engines maintenance, installation, repair, and testing of switchgears, transformer, Megger testing, regulators and reactors/associated instrumentation.
- Good Calibration skills, automation and proficient with Kongsberg systems (k chief 1, K chief 2) and dynamic positioning maintenance systems.
- Skilled and certified ABB high voltage maintenance engineer with high voltages licenses in excess 6.6KVA as well as ability to maintain 440V low voltage breakers, maintain, repair, test, install electric motors, generators, alternators, industrial storage batteries and UPS in excess of 30KVA, hydraulic and electro pneumatic control systems to Cargo, Ballast and engine room valves and its associated automation or remote control systems instrumentation.
- Skilled and internationally certified vibration analyst with karsten moholts omnitrend and vibexpert software and hardware carrying out vibration on turbine generators, Main turbine for propulsion, compressors and motors for performance monitoring.
- Skilled at planning and conducting maintenance programs to machineries, and keep maintenance records using planned maintenance systems(PMS), inventory mangers software's e.g AMOS 9.3 for taking job orders, making requisitions, job reporting, making purchase orders /inventories.
- Maintenance Repair, testing and overhauling of main turbine engines of kawasaki, wartsilla, caterpillar, cummings, and MAK engine.
- Maintenance Repair, testing and overhauling auxiliary engine of caterpillar, wartsilla, cummings, kawasaki and MAK engine.

### **Communication & Interpersonal Skills**

- Well-developed inter-personal and communication skills with a collaborative approach towards colleagues and partners in troubleshooting and developing solutions and a proven ability to work in a team environment and give training to cadets of different nationalities.

### **Computer Skills**

- Proficient in Microsoft Office: Word, Excel, PowerPoint,
- Proficient in computer software : TM master, Marine Plan Maintenance (MPM), Vibexpert (vibration analysis software), AMOS 9.3 software
- Programming

## Language

- English(Native Language) and Polish(Beginner)

## WORK EXPERIENCE

### **Electro Technical Officer (ETO)/Electronic Technician      Mar 2023- Till date**

Select Offshore: PACIFIC LEGEND (DP2, PSV)

- Dry-docking, offshore supply of Libongos drilling rigs, Ngoma rig, and Scarabeo rigs. Maintenance and repair of GE CONVERT-TEAM automation systems in the engine room, Maintenance and repair of MAN DIESEL main generators and auxilliary generators, Maintenance and repair of GE, DP2, COVERT-TEAM systems for navigation systems, Maintenance and repair of the Azipods for propulsion systems as well as the tunnel thrusters

### **Electro Technical Officer (ETO)/Marine Electrician      Jan 2023- Feb 2023(1 months)**

Pan Marine: PAN TAMARA (PSV, DP2 VESSEL)

- Dry-docking, maintain, repair, test and install electrical motors, generators, alternators, industrial storage batteries and hydraulic and pneumatic electrical control systems. Troubleshoot, maintain and repair industrial, electrical and electronic control systems and other related devices.

### **Electronic Service Technician      Jun 2022- Nov 2022 (5 months 2 days)**

Halliburton Atlantic Limited: DP2-STIM STAR ANGOLA (DP2, WELL STIMULATION VESSEL)

- Dry-docking of well stimulation vessel- Stim Star Angola DP2 vessel. Well stimulation of Wells belonging to Halliburton and total in Angola.
- Maintenance of well stimulation equipments on the vessels.
- Maintenance and repair of the Kongsberg DP 2 systems onboard the vessel
- Maintenance and repair of caterpillar generators and wartsilla automation systems.
- Configuration of VSAT Satellite/IT networks for internetworking and intranetworking.
- Testing and Repair of defective automation navigation systems onboard.

### **Electro Technical Officer (ETO)/Marine Electrician      Jan 2022- May 2022(4 months 25 days)**

Hydrodive Nig Ltd : DP2-HD PIONEER, HD CONTENDER, DSV HD ENTERPRISE (DSV, DP2 VESSEL)

- Read and interpret drawings, blueprints, schematics and electrical code specifications to determine layout of industrial electrical equipment installations. Install, examine, replace or repair electrical wiring, receptacles, switch boxes, conduits, feeders, fibre-optic and coaxial cable assemblies, lighting fixtures and other electrical components. Test electrical and electronic equipment and components for continuity, current, voltage and resistance. Maintain, repair, install and test switchgear, transformers, switchboard meters, regulators and reactors.

**Electro Technical Officer (ETO)/Marine Electrician      Aug 2021- Dec 2021 (3 months 26 days)**

Bourbon Interoil Nig Ltd – DP2-TSL INTREPID (AHTS, DP2 VESSEL)

- Repair and maintenance of dynamic positioning system DP2 elements. eg. The Kongsberg dgps, the RADIUS 1000, the Cyscan and the MRU, and the wind sensors, maintenance and repair of the CCTV cameras on-board the DP2 vessel.
- Test electrical and electronic equipment and components for continuity, current, voltage and resistance. Maintain, repair, install and test switchgear, transformers, switchboard meters, regulators and reactor

**Electro Technical Officer (ETO)/Marine Electrician      Dec 2015- Jan 2021**

Bergesen Worldwide Gas Ltd (LNG VESSEL)

- Testing and Repair of defective integrated navigation systems-INS onboard and K-Bridge automation navigation systems onboard.
- Dry-docking of LNG vessels at the shipyard in Pasir Gudang Malaysia shipyard.
- Maintenance and repair of cryogenic valves associated with loading and discharging of LNG gas.
- Vibration analysis at regular intervals using Vib Expert and subsequent analysis with fast fourier transform.
- Maintenance and repair of Ex proof devices as well as intrinsically safe devices.
- Maintenance/Repair and service of elevators.
- Connection of shore supply breaker with the emergency switch board breaker of the vessel to ensure continuous power supply during emergency situations, overhaul of all compressors on the vessel, and condition monitoring the cargo pumps to determine the need for overhaul or renewal. Continuity testing of cables intended for wiring of sundry machinery/equipment in the vessel, installed a new fire alarm central panel, vibration testing of all engine room motors and deck motors on the DE vertical, DE horizontal, DE axial, and NDE vertical, NDE horizontal and NDE axial

**Electro Technical Officer (ETO)/Marine Electrician      July 2020-Dec 2020 (4 months 23days)**

West African Ventures (WAV) Ltd - DP2-JASCON 39 (AHTS, DP2, PSV VESSEL)

- Installation/ renewal of the ships main UPS for navigation systems and engine room machineries, and also the installation/ renewal of the entire ICCP system for the entire hull of the vessel as part of the 5 yearly renewal for bridge systems and automation equipment, carried out comprehensive checks on the dynamic position systems and its associated devices to ascertain defect and proper functionality, performing the FMEA (failure mode effect and analysis) test on the DP systems, repairs were also carried out by me on the radars X band and S band, ships whistle, echo sounder, ECDIS, AIS on the bridge.

**Electro Technical Officer (ETO)/Marine Electrician      Feb 2020 –Jun 2020 (4 months 22days)**

West African Ventures (WAV) Ltd: DP2-JASCON 69 (PSV, DP2, AHTS VESSEL)

- Maintenance work on Rudder angle indicator calibrating potentiometer of the dynamic positioning system for DP class 2 vessels including shipyard electrical services for navigational systems , Failure mode effect and analysis trials

(FMEA), testing and repair of main and auxiliary diesel generators, repair of Kongsberg automation systems for discharging liquid mud. Maintenance and repair of bridge/navigation equipment.

**Electro Technical Officer (ETO)/Marine Electrician**

**Dec 2015- Jan 2020**

Bergesen Worldwide Gas Ltd (LNG VESSEL)

- Repair of generators, turbo generators, diesel generators, and emergency generators as well as carry out Megger testing to electric motors for low duty and high duty compressors. Carry out regular Vibration analysis and fault finding operations for the main turbine for propulsion, Low duty compressor and high duty compressor including motors and generators onboard.

**ETO Cadet/ Marine Electrician/ Shipyard Electrician**

**Jan 2013- Nov 2015**

Remontova shipyard, Gdansk, Poland (LNG VESSEL)

- Installation, testing and sea trial of marine electrical and electronic equipment's onboard vessels, Megger testing high voltage and low voltage transformers motors before installation onboard vessels. Installation of Kongsberg automation systems for remote digital input/output for field instruments (PT100, swithes) etc. carrying out FEMA (Failure mode effects and analysis) tests to ensure redundancy in the effect of a single or multiple failures. Installation/wiring/testing of the azimuth thrusters, tunnel thrusters and retractable thrusters' onboard vessels.

**FIELD SERVICE ENGINEER**

Remontova shipyard, Gdansk, Poland (LNG VESSEL) 2013 Jan -2013 Dec

West African Shipyard (WAS) shipyard Nigeria 2020 October -2020 December.

Malaysia Marine heavy equipment shipyard pasir guodang Malaysia.(MMHE) 2021 March-2021June

NAMDOCK shipyard walvis bay Namibia 2022 August – Nov 2022

- Shipyard at Abidjan cote d ivoire Jan 2023- March2023

## **EDUCATION**

<b>Certificate- Canadian Electrical Code</b> <i>(Grounding systems and Renewable energy2018). Canada (online)</i>	Dec 2020
<b>Diploma/ Certificate course (Dynamic positioning maintenance)</b> <i>Elcome institute. Dubai, UAE</i>	Mar, 2020
<b>Diploma/ Certificate –Explosion proof certificate.</b> <i>Bergen Norway</i>	Aug 2018
<b>Diploma/ Certificate -Internationally certified Vibration analyst,</b> <i>Karsten Moholt. Bergen, Norway</i>	Aug 2018
<b>Certificate/ training in planned maintenance software</b> <i>(PMS) Amos 9.3 Singapore</i>	Jul 2017
<b>Diploma/ Certificate ABB high voltage Kongsberg,</b> <i>Singapore</i>	Jul 2017
<b>Diploma-Kongsberg Operators course (automation PLC -k chief step 1)</b> <i>Kongsberg, Singapore</i>	Jul 2017
<b>Diploma-Kongsberg Technical course (automation PLC - k chief step 2)</b> <i>Kongsberg, Singapore</i>	Jul 2017
<b>Diploma/ Certificate High voltage maintenance Gdynia Maritime</b> <i>University Gdynia, Poland</i>	Sept 2018
<b>Diploma/ Certificate of competence (presently valid till 2025) Gdynia Maritime</b> <i>University Gdynia, Poland</i>	Dec 2015
<b>Diploma in marine engineering – (Marine engineering) Gdynia Maritime</b> <i>University Gdynia, Poland</i>	Nov 2015
<b>Bachelors of Engineering B.ENG- (electrical electronics engineering)</b> <i>University of Benin – Benin city, Nigeria</i>	Nov 2010