OLUWAFEMI SALAMI

HND OND

MECHANICAL ENGINEERING | POWER PLANT | FIELD ENGINEERING | OIL & GAS | ENERGY

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ABOUT ME

Mechanical Engineering Personnel, Power Plant Expert and a Field Engineering Specialist, A graduate with a Higher National Diploma in Mechanical Engineering, National Diploma in Mechanical Engineering, Trainings in Power Plant Operations, Field Engineering and Oil & Gas with Energy, Core operation and maintenance experience from Engee Pet Manufacturing Company limited, Paras Energy and Nigeria National Petroleum Corporation, A versatile, collaborative, accomplished, and knowledgeable engineering professional with a successful track record, Outstanding professional in Operation and Maintenance of gas engine, compressors, actuators, valves and pumps. Highly collaborative with a knack for building productive relationships with peers, colleagues, and management to function smoothly while driving others towards excellence and helping companies translating business goals into reality.

SKILLS

- Mechanical Engineering
- Maintenance
- Power Plant Operations
- Field Engineering
- Microsoft office
- Oil and Gas
- Energy
- Troubleshooting
- Maintenance
- Team Support
- Client Relations

CERTIFICATIONS

KWARA STATE POLYTECHNIC ILORIN
HND - 2016
Mechanical Engineering

KWARA STATE POLYTECHNIC ILORIN
OND - 2013
Mechanical Engineering

CAREER EXPERIENCES

ENGEE PET MANUFACTURING COMPANY LIMITED OGUN
Power Plant Engineer
2020 – Present

NIGERIA NATIONAL PETROLEUM COROPORATION
Mechanical Technician- Ogun
2014 – 2015

PARAS ENERGY & NATURAL RESOURCES DEVELOPMENT LTD
Field Service Engineer – Ikorodu Lagos
2016 – 2020

ACHIEVEMENTS AND CORE OPERATIONS AT ENGEE PET MANUFACTURING COMPANY

- Accomplish overhauling of Mitsubishi gas generator GGS16R2-PTK.
- Perform Operation of Mitsubishi gas generator.
- Perform Compression pressure test on cylinders.
- Execute overhauling of Perkins diesel generators 1103A-33T and 404A-22G2 .
- Achieve decarburization of intercoolers and installation of new ones.
- Perform Operation of Atlas Copco Compressed Natural Gas Pressure Reducing System PRS3000+
- Perform maintenance of water pump on gas generator both LT and HT.
- Execute operation of Totalizing panel and Power distribution board.
- Amplify the life of equipment and maintained consistence performance with regular cleaning, lubrication and preventive maintenance.
- Implement monthly reports on power generation, Energy consumption, gas consumption, diesel consumption and waste disposal.
- Formalize lock-out and tag out processes to prevent personnel injuries during plant maintenance.
- Follow established QMS, OHSAS and EMS policies in all areas of plant operation.

- Kept plant areas clean and ready for inspections to maintain high audit and compliance scores.
- Provide accurate solutions to resolving plant operations and maintenance problems.
- Monitoring of the industrial computer SCADA (supervisory control and data acquisition).

ACHIEVEMENTS AND CORE OPERATIONS AT PARAS ENERGY AND NATURAL RESOURCES DEV. LIMITED

- Total 100-Megawatt power generation to the National grid.
- Achieved major overhaul of Wartsila W20V34SG 10MW output gas generator.
- Succeeded in major overhauling of Napier Turbocharger (NA357 and NA358) and exhaust waste-gate.
- Performed maintenance of main starting air two stage reciprocating compressors SperreXA200.
- Implemented predictive maintenance involving cylinder tightness, crankshaft deflection measurement, vibration measurement and valve height measurement.
- Achieved maintenance of instrument air screw compressors Gardener Denver WD18-7 and EN15-9.5.
- Performed decarburization of charge air cooler and installation of new ones.
- Implemented water sample analysis and water sweetening of the cooling water of the gas generator.
- Performed camshaft axial clearance measurement.
- Performed Horning of cylinder liner and carry out cylinder liner measurement.
- Accomplished maintenance of oil-mist separator, centrifugal oil filter and automatic lube oil filter.
- Implemented servicing of the thermostatic valve and the lube oil cooler.
- Performed maintenance of the water pumps.
- Implemented gas leak test on the gas generator.
- Performed Turbocharger water wash.
- Implemented crack test on connecting rod and piston.
- Maintained main starting air valve 2681B Eugine Sietz.
- Performed maintenance on the Gas Regulating Unit (GRU).
- Implemented daily inspection of engines and engine lube oil management including oil sweetening, daily lube oil dipstick reading and calculation of specific lube oil consumption.
- Complied with safety practices and integrity of PPE.
- Performed overhauling and pressure test of the cylinder head.
- Perform and direct isolation and de-isolation of equipment for maintenance in accordance with lock-out and tag out procedures.

ACHIEVEMENTS AND CORE OPERATIONS AT NIGERIA NATIONAL PETROLEUM CORPORATION

- Carried out operation and maintenance on Ruston diesel generator.
- Carried out maintenance on Hvac and refrigerator..
- Performed maintenance, inspection and reconditioning of centrifugal pump, booster pump and valves..
- Used problem solving skills to alleviate issues efficiently with minimal supervision.
- Performed installation of bearings and mechanical seals of pumps.
- Monitored the operating conditions of the power house.

OTHER ACHIEVEMENTS

- Proficiency in the use of precision measuring tools.
- Proficient in using SCADA
- Dexterity in the use and application of torque wrenches.
- Lockout and tag out procedures.
- Good analytical, mathematical and logical skill.
- Passionate about knowledge on how a system or mechanisms work, thus, quick confidence building in handling tasks.
- Ability to handle exposure to varying temperatures, noise levels and physical demands involving lifting 60lbs or more.
- To remain highly motivated in displaying strong work ethics even under pressure.

BIO-DATA

Sex: Male

Nationality: Nigerian

Location: Sango – Ota | Nigeria

Health Status: Fit

Language Proficiency: English, Yoruba

REFERENCE: AVAILABLE ON REQUEST