



WANJIRU JOHN NGARUIYA

Generator technician

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PROFESSIONAL SUMMARY

Accomplished Electrical and technical generator Technician tested and proven with more than 8years of hands on experience both field and maintenance work in generator maintenance,repair and troubleshooting. proficient in operating various generator types and models ensuring optimal performance and conducting load bank tests,committed to delivering high quality service and fostering safety in all operations,eager to leverage technical skills to enhance power generation reliability.

WORK EXPERIENCE

Generator technician

Al udeid USAF Base;Versar/Gscs

- ❖ Conduct routine maintenance and repairs on various generator model and different kilo wats
- ❖ Diagnosed and repaired mechanical and electrical issues in various systems including water pumps, ac and dc alternators, relays,solenoids,electrical and mechanical fuel injector pumps,screen boards and AVR.
- ❖ Replaced critical components like belts,bearings and relays to restore functionality
- ❖ Installed and maintained electrical controls,pumps,sensors,capacitors and transformers for optimal operation
- ❖ Serviced automatic and manual transfer switches.and battery chargers for emergency generators
- ❖ Performed load banking tests to evaluate generator systems capacity and reliability
- ❖ Restrapping of AC Alternators from high voltage to low voltage when need arise
- ❖ Maintained accurate records of service and repair records to ensure compliance with safety standards

Generator/Heavy Equipment technician

ORYX GTL QATAR

- ❖ Maintained various Heavy equipments and forklifts repairs
- ❖ Performed preventive maintenance to generators,forklifts VNA and side loaders after every 300hours
- ❖ Repaired hydraulic hoses on the equipments
- ❖ Repaired front seals on the generators
- ❖ Repaired oil coolers on the big generators and damaged thermostats
- ❖ Repaired different electrical components to ensure smooth functionality

Generator technician/Assistant admin

VECTRUS

- ❖ Performed overhaul on fuel and oil system of different generators
- ❖ Daily record keeping of the department and assisted in smooth department day to day activities
- ❖ Daily repair and maintenance of prime power generator sets
- ❖ Researched and procured necessary parts for effective repairs,ensuring minimal downtime
- ❖ Executed major engine components replacement,including fuel pumps,water pumps,ac alternators enhancing engine performance
- ❖ Developed comprehensive maintenance sops for diesel engines,improving operational consistency
- ❖ Repairing low voltage and hard wire light carts both electrical and mechanical
- ❖ Regular maintenance on electrical switch boards
- ❖ Servicing generator ACalternators and DCAalternators to ensure smooth voltage outputs from

the generators **EDUCATION**

- ❖ Diploma in document control
Excellence Training Centre Qatar
Focused on different document management systems and good record keeping techniques
- ❖ Plant Mechanic Grade 3 /Plant Operator
KIHBIT Kenya Institute Of Highway And Building Technology
Focused on Electrical and mechanical maintenance and troubleshooting of diesel engines,generators, heavy equipment and industrial plants both high voltage and low voltage and different troubleshooting techniques and repairs while observing safety standards and Hazard waste management.

SKILLS

- ❖ Fuel system knowledge and troubleshooting injector pumps and mechanical lift pumps
- ❖ Low voltage and High voltage AC and DC Alternators troubleshooting and electrical restrapping
- ❖ Electrical Troubleshooting
- ❖ Trained forklift,vna,sideloader and reach truck operator both in Qatar and kenya
- ❖ Administration management And computer excel and microsoft conversant
- ❖ Automatic Volt Regulator monitoring and troubleshooting
- ❖ Load Bank Testing of both high voltage and low voltage generators
- ❖ Daily Engine repairs,head gasket replacements, sump gaskets replacements,side cover gasket and valve clearance.
- ❖ Coolant system knowledge Flushing and water pumps and radiator replacements
- ❖ Mechanical maintenance and [Revolution Per minute]RPM tuning as per generator voltage
- ❖ Hazard waste management of oil,coolant and hydraulic.

ACHIEVEMENTS

- ❖ Successfully performed over 100 load bank tests,ensuring generators met performance standards
- ❖ Achieved a 20% reduction in downtime through effective preventive maintenance strategies
- ❖ Led team to accomplish major repairs on various generator sets enhancing operational efficiency and successfully restrapped high voltage generators to high voltage and vice versa to fit required environment.

REFERENCE

❖ V2X/VERSAR Site manager
Ezekiel Kibet ;97466956569

❖ ORYX GTL/GSCS Supervisor
Fati Ibrahim;

❖ VECTRUS Logistics Manager
Beckum