

# NICHOLAS KIOKO

TEL:+254727254526, +252613817405

EMAIL ADDRESS:nicholaskioko120@gmail.com

AVAILABILITY: IMMEDIATELY UPON CONSIDERATION

## **HEAVY EQUIPMENT,SENIOR/ HEAVY- DUTY DIESEL MECHANIC &AUTOMOTIVE TECHNICIAN**

### **PROFILE SUMMARY**

Dedicated, resourceful and focused profession with over 16 years of experience & distinction of mechanical, auto electrical , pneumatic ,hydraulics ,welding &fabrication skill's with key focus on top line profitability by ensuring optimal utilization of resource . Versatile knowledge in technical management, mechanical maintenance, field servicing and troubleshooting heavy equipment, commercial , Passenger / construction equipment's & electrical/ house appliances. Explicit in breakdown analysis, corrective action and preventive action analysis's through troubleshooting vehicles, machine's and tools management. Proficient at leading teams for service operations, training programs, quality workmanship, attaining higher goals for service operations along with implementation of improving the process operation along with cost effective. Excellent in leadership, negotiation, oral/written communication, interpersonal, initiative & analysis skills, thrive in in both independent and collaborative work environment .Strong analytical skills to identify issues for innovative problem solving in complex repairs .

### **SKILLS**

- ❖ AA in Automotive Technology
- ❖ Proficient with Diesel Diagnostic Software Eaton Transmission, International Truck & Engine, and Pocket fleet Diagnostic.
- ❖ Well-versed in Auto Repair software All Systems Max, Garage Partner and Auto Repair Cloud.
- ❖ Team player.
- ❖ Great Attention to detail.
- ❖ Effective communication skills.
- ❖ Valid Driver's License.
- ❖ System Trouble Shooting
- ❖ Field Servicing & Inspection
- ❖ Health/Safety Compliance
- ❖ Productivity/quality Improvement
- ❖ Strong knowledge of DOT and safety Regulations
- ❖ Maintenance of logs & record
- ❖ Mechanical Diagnosis/Repair.
- ❖ Technical Management
- ❖ Workflow Schedule
- ❖ Strong Analytical Skills

### **WORKING EXPERIENCE**

12/2018 to Date

RA International

Mogadishu, Somalia

Position .

Senior/Heavy Duty Diesel Mechanic

#### **Duties/Responsibilities**

- ❖ Supervises 15 mechanics assigned to preventive maintenance and repair for 80 of heavy duty diesel equipment, machine's, vehicles, generators and construction machine for the company and clients or UN and AMISOM.
- ❖ Conducting OBD 1 & OBD 2 in board diagnostic systems
- ❖ Reconditions and replaces parts, such as pistons, bearings, gears, valves, and bushings with the use of engine lathes, boring machines, and precision measuring instruments.
- ❖ Disassembles engines and examines parts for defects and excessive wear.
- ❖ Performs tuning up of gas & Diesel engines, service valves, fuel filters and turbochargers, pressure checks, -adjusting injectors and fuel racks.

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- ❖ Experienced in trouble shooting, over hauling & repair of all types of Mechanical ,hydraulics such as hydraulic pump motors, valves , cylinders , hydraulic steering system in wide variety of machines and vehicles (including all armored and soft skin /military vehicles and Machines.)
- ❖ prepares job reports and input service record on every vehicle/equipment into computer.
- ❖ Ensures compliance of health and safety regulations in both field and workshop service.
- ❖ Makes use of oxy, electric, TIG and MIG welding, hand fitting or machining procedures to replace or repair defective or worn parts.
- ❖ Maintains customer records and issues preventive maintenance schedule reminders using Auto Repair Cloud
- ❖ Provide all aspects of high quality mechanical work including assembling & disassembling of vehicles,trucks,machines and heavy equipment parts, electrical /commercial appliances engine rebuilding, rebuilding of manuals & automatic transmission, hydraulic system, trouble shooting, steering system, cooling system, auto electrical and auto air condition systems.

**07/2014-11/2018**

**Kenya Railway Corporation**

**SGR Nairobi-Mombasa Section**

**Position.**

**Heavy Duty Diesel Mechanic**

**Duties/Responsibilities**

- ❖ Inspected and maintained heavy-duty diesel vehicles, such as trucks, trailers, forklifts, pickups, etc.
- ❖ Troubled shoot transmission, brakes, electrical, steering and cooling systems.
- ❖ Collaborated with repair crew to diagnose problems, set up a timeline and perform repairs
- ❖ Repaired and maintained diesel engines used to power machines such as buses, ships, trucks, railroad trains, electric generators and construction machinery, using hand tools, precision measuring instruments and machine tools.
- ❖ Executed daily operations of vehicle readiness
- ❖ Diagnosed trouble, disassembled engines and examined parts for defects and excessive wear.
- ❖ Wrote, designed and produced work orders for down or repaired vehicles
- ❖ Trained and managed a large group of team members which resulted in significant improvements in their productivity.
- ❖ Supervise and task 12 personnel with daily preventive maintenance and repair for 366 pieces of equipment
- ❖ Ensure the compliance of all military, OSHA, and DOT regulations for self, shop, and subordinates.
- ❖ During a humanitarian mission in Africa, was Head Mechanic ensuring the consistent working condition of a water well rig involving hydraulics, pneumatics, and diesel engine maintenance with no incident
- ❖ As Head mechanic for a crane crew during an international effort in Japan, ensured the maintenance and inventory for the engine and collateral equipment
- ❖ Diagnosed and repaired problems with hydraulic and pneumatic systems such as air compressors, pneumatic valves, tubing's, hydraulic valves, pumps ,motor, cylinders, accumulators nitrogen charging and discharging, hydraulic heat exchangers and hydraulic cooler.

**09/2009-05/2014**

**DynCorp International LLC**

**Kandahar Afghanistan**

**Position**

**Senior Mechanic**

**Duties/Responsibilities**

- ❖ Diagnosed and monitored parts performance and carried out the repair work accordingly, replacing the faulty
- ❖ Performed routine assembling, dis- assembling repair and maintenance activities of Combustion automobile (vans,trucks,buses) electrical/ household appliances eg refrigerator's, gas cookers,

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washing machines and heavy machinery eg forklifts, crane's, dozers, dredgers, conveyor', paving machinery, graders, loaders and pneumatic tools.

- ❖ Replaced new/faulty parts after detailed examination and analysis of the vehicle.
- ❖ Documented all repairs required as well as the cost.
- ❖ Listened and discussed complaints of the clients and provided them with solutions - Discussed the faulty
- ❖ Advised the clients on maintenance of their vehicles and diesel engines.
- ❖ Maintained and Operated Colt-Pielstick 16V 2.5stc diesel engines, 3608 Caterpillar diesel generator, Dresser Rand air compressor, Lube Oil Purifiers, Main Reduction Gear, and supporting system pumps.
- ❖ Trained personnel on how to operate and maintain essential equipment along with proper watch standing to ensure machinery and personnel safety.
- ❖ Conducted trending analysis on Colt-Pielstick and 3608 series Caterpillar diesel engines in the
- ❖ Followed all operating procedures to assure safely operating machinery and safety of personnel
- ❖ Inventory tools and PPE for engineering space
- ❖ Read and interpreted diagnostic test results, often by using dials, gauges and other computer equipment
- ❖ Raised 18 wheeler trucks and heavy parts or equipment by using hydraulic jacks or hoists

**09/2006-05/2009**

**FAW-Tran's Africa Motors Ltd. Mombasa Kenya Motor Vehicle**

**Position**

**Mechanic**

### **Duties/Responsibilities**

- ❖ Adjusted and aligned wheels, tightened bolts and screws and attached system components
- ❖ Repaired or replaced malfunctioning components, parts and other mechanical or electrical equipment using hand tools, pneumatic tools and power tools
- ❖ Disassembled and reassembled equipment and parts
- ❖ Identify equipment needs and resolve maintenance and repair issues by using the most cost-efficient practices in association with project and fleet managers
- ❖ Organize and administer preventative maintenance and repair operations
- ❖ Generate and present reports on all repairs and maintenance actions including parts and labor time on each piece of equipment.
- ❖ Demonstrate adeptness in maintaining alignment of expenses with the set monthly and yearly shop budgets
- ❖ Carry out mechanical work utilizing conventional hand and power tools in a safe and productive manner
- ❖ Exemplify technical acumen in repairing equipment problems, maintaining fleet and equipment, as well as in operating equipment and service truck during inclement weather events

### **EDUCATIONAL BACKGROUND**

2005 : Machakos University (Previously Machakos Technical Training Institute)

Award : Kenya Diploma in Automotive Engineering

### **CERTIFICATIONS & LICENCES**

- ❖ **1)KENYA NATIONAL EXAMINATION COUNCIL (KNEC/TEP) DIPLOMA IN AUTOMOTIVE ENGINEERING.**

Year-Nov 2005



Overall results-CREDIT

Certificate no. - D/TEP 0010112

Expiration Date-N/A

**2)KENYA CERTIFICATE OF SECONDARY EDUCATION**

Year-2001

Overall results-Credit

Certificate no. - KCSE 1891136

Expiration Date. N/a

**3)KENYA CERTIFICATE OF PRIMARY EDUCATION.**

Year-1997

Overall results- credit

Certificate no.- 4744097

Expiration Date. N/a

**4)FIRST AID &FIRE FIGHTING COURSE**

Year-2019

Certificate no - 0099019

Expiration Date. N/a

**5) DRIVING LICENSE**

Year -2014.

LICENCES no.- XUI0340000

Expiration Date with renewal.-2023

**6)MS WORD,EXCEL AND OFFICE.**

Year 2005

Certificate no. - D/TEP 0020112

Expiration date .N/a

**AWARDS**

❖ RA INTERNATIONAL EMPLOYEE OF THE MONTH -NOV 2020

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❖ RA INTERNATIONAL EMPLOYEE OF THE YEAR- 2019

KENYA RAILWAYS CORPORATION-SGR.BEST ENGINEERING DEPARTMENT EMPLOYEE  
2017.

## **REFEREES**

❖ Available on request.