# **MALCOLM .W. AMAYE**

**Mobile number:** + (675) 75697712 / 72741556|**Email:** [amayemalcolm@gmail.com |Lae, Papua](mailto:amayemalcolm@gmail.com%20%20|Lae,%20Papua) New Guinea |**LinkedIn URL:**http://www.linkedIn.com

**HEAVY EQUIPMENT AND HEAVY DUTY DIESEL MECHANIC**

Highly skilled and reliable mechanic with extensive experience in mechanical maintenance, field servicing and troubleshooting, and an ability to identify issues for innovative problem-solving in complex repairs. Highly versatile professional with supervisory skill in driving teams for high quality performance and goal achievement, and enhancing process improvements for greater efficiency and productivity.

**CORE STRENGTH**

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| \* Systems Trouble Shooting | \* Field Servicing & Inspection | \* Health/Safety Compliance |
| \* Productivity Improvement | \* Maintenance Log & Records | \* Diagnosis / Repairs |
| \* Project Management | \* Preventative Maintenance | \* Team Supervision |
| \* Technical Management | \* Process Improvement | \* Workflow Schedules |

**PROFERSSIONAL EXEPERIENCE**

***Heavy Equipment Fitter*** |OK Tedi Mining Limited | Tabubil, Papua New Guinea **2015 – FEB 2018**

Provide all aspects of high quality mechanical work, including assembling and disassembling heavy equipment components, engine rebuilding, rebuilding of manual and automatic transmission, hydraulic system trouble shooting and repairs, steering systems, cooling systems, auto electrical systems auto air conditioning systems on various CAT equipment’s 3400/3500 engines series,C7,C9 excavator engines,D6,D7,D8,D10T/R and D11T/R dozers,12M and 14H motor graders, IT Loaders and Front end loaders and Fork lifts.

* Conducted detailed oriented- routine maintenance checks and adjustments on lubricants, air and hydraulic hoses, belts, brakes, tires, and clutches.
* Provided comprehensive field servicing for troubleshooting equipment malfunction and, performed independent repairs using CAT Electronic Tool (ET), VIMS and CATSIS programme.
* Serviced and replaced track drive sprockets, track pads, track links, idler wheels, track hydraulic adjusters, hydraulic ramps, track rollers, hydraulic reversers, final drives, braked bands, hydrostatic transmissions and torque converters.
* Performed tuning of gas and diesel engines, service valves, fuel filters and turbocharges, and pressure checks, and adjusted injectors and fuel racks/rail.
* Troubleshooting and repair of hydraulics such as hydraulic pumps, hydraulic motors, hydraulic valves, hydraulic cylinders, and hydraulic steering system and HEUI fuel system.
* Prepared job reports, raising notifications and parts requisition and input service records on every equipment into computer using SAP programme.
* Ensured compliance of health and safety regulations in both workshop and field service.

***Diesel Fitter*, Power House** |Ramu Agri Industries Limited | Lae, Papua New Guinea **2012 – 2015**

Perform routine service, repairs and overhaul on Steam turbines and Diesel engines for use in power generators, hydraulic units, and drove diesel engines for load shedding during Mill start up, and diesel engines for standby emergency water pumps. Diagnose and repaired problems with hydraulic and pneumatic systems, such as air compressors, pneumatic valves, air hoses and tubing’s, hydraulic valves, hydraulic pipes and hoses, hydraulic fittings, hydraulic pumps, hydraulic motors, hydraulic cylinders, hydraulic filters, accumulators ,nitrogen charging and discharging, hydraulic heat exchangers and hydraulic oil coolers.

* Develop servicing maintenance schedules of hydraulic and mechanical equipment’s in the power house on Steam turbines and Diesel generators
* Reconstructed and repair heavy duty winch gearboxes, brakes and clutch for lifting cranes and repaired/rebuilt heavy lift wire sheaves, such as change bearings and mechanical seals.
* Re-engineered air compressor water pumps, pneumatic water pumps, pneumatic motors, hydraulic pumps, hydraulic motors, and perform repair and assembly of different types of hydraulic hoses using Parker crimping machine.

**EDUCATION AND TRAINING**

Certificate Tradesman, PNG National Apprentice and Trade Testing Board (NATTB), **Certificate *NO. A79982214*** |2009 - 2013

Certificate in Automotive Technology & Diesel Heavy Vehicle Mobile Equipment, **Certificate NO. *MHTC-CA071B002-09/820***|2006 - 2007

Certificate Grade 12, DODL University of Technology, Lae, Papua New Guinea, **Certificate NO. *02703303***|2002 - 2003

Certificate Grade 10,St Michaels High School, Madang, Papua New Guinea, **Certificate NO. *0112637005***|2000 - 2001

**CERTIFICATION**

Trade Certificate, Independent State of Papua New Guinea, National Apprenticeship Trade Testing Board, Papua New Guinea|2013

Trade Competency Certificate issued by RAIL Training Centre, Lae (Ramu), Papua New Guinea|2013

Certificate in Safe Vehicle Handling, RAIL Training Centre, Lae (Ramu), Papua New Guinea|2012

Certificate in Supervisory Skills, RAIL Training Centre, Lae, Papua New Guinea|2012

CAT, MT HAGEN TECHNICAL COLLEGE| MT HAGEN, WESTERN HIGHLANDS, PAPUA NEW GUINEA| 2006 – 2007.

**REFEREES**

**Michael Mikes George Buza**

Ok Tedi Mining Limited Ok Tedi Mining Limited

Dozer shop Supervisor Mine Maintenance Planner

Ph. 649 3686 / 7395 5124 Ph. 649 3000 / 7188 4866

Email: *Michael.mikes@oktedi.com*Email: *George.Buza@otml.com*