

## ARTISAN DIESEL MECHANIC

## PROFESSIONAL PROFILE

I am fully certified and trained to work with engines of all kinds, as well as other general equipment and machinery. I have been employed as a diesel mechanic for more than ten years, encompassing five different positions. My long career has involved working with diesel engines specifically. I make a specific effort to always pay attention to maintain a safe working environment, even to small details, and I prioritize communication in the workspace, collaborating and cooperating with other mechanics to achieve the desired results. With my qualifications and diesel engine experience, I would be an asset to your company.



## WORK EXPERIENCE

**Artisan Diesel Mechanic**

VOLVO Trucks South Africa: Middleburg  
May 2016 – August 2021

**Responsible for servicing the Volvo, Renault & UD Trucks.**

**Key duties Summary**

- Repairs of Engines, Clutch Overhaul, Transmissions, Differentials and Air Brakes
- Repairs of Electrical Components [ Control Units, Motors & Sensor]
- Fault-finding and diagnosis on Volvo Products by interpreting product “under performance” and/or failure.
- Interpret and implement information in Volvo Manual and Service Literature.
- By following directives provided in Workshop Manuals, produce work of Volvo acceptable standards.
- Follow repair, maintenance instructions and specifications as per the manual.
- Ensure excellence in customer service delivery through meticulously following procedures/processes.
- Provide comprehensive and accurate reports on diagnosis, assessment of component/part, failures, observations, actions, and recommendations.

**Follow procedures for breakdown work:**

- Liaise with driver before responding to customer breakdowns.
- Ensure the correct documentation is in place and accurately completed before submission.
- Compliance to ISO 9001 and other Safety standards.
- Pre-check if the correct spares have been ordered.
- Workshop Repairs and Maintenances.
- Preparing vehicles for roadworthiness and taking it to the testing station for road worthy.
- Dismantle and re-assemble after diagnosis and ordering of correct spares.
- Do road testing of vehicles before given to the driver.
- Listens carefully to the driver and test the vehicle as for the driver’s complaint before dismantling.
- Take fully responsibility of services vehicles according.
- Fully understanding the type of vehicles being worked on.

**Artisan Diesel Mechanic**

JMC South Africa  
May 2015 – April 2016

**Responsible for servicing the JMC, Land wind & Changan**

**Key duties Summary**

- Repairs of Engines, Clutch Overhaul, Transmissions, Differentials and Air Brakes
- Repairs of Electrical Components [ Control Units, Motors & Sensor]
- Liaise with driver before responding to customer breakdowns.
- Dismantle and re-assemble after diagnosis and ordering of correct spares.
- Fault-finding and diagnosis on Volvo Products by interpreting product “under performance” and/or failure.

## CONTACT



No 63, Plot 52, Zandspruit, Honeydew,  
Gauteng South Africa  
0765495286

[Email: xjmangwani@gmail.com](mailto:xjmangwani@gmail.com)

## QUALIFICATIONS

**Matric Certificate**

Kwena Molapo Secondary School –  
2005

**N3 – Mechanical Engineering**

South West Gauteng College – 2006 -  
2007

**Major Modules Completed:**

Motor Trade Theory  
Engineering Science  
Mathematics  
Industrial Electronics

**Trade Test Certificate – Qualified Diesel Mechanic: SCANIA**

Introduction and Maintenance  
Engine  
Gearbox  
Electrical 1 and 2  
PC 1 and 2  
Brakes 1  
Fuel System  
Central Gear  
SDP3  
ELC

## WORK EXPERIENCE

### Artisan Diesel Mechanic

UD TRUCKS: Rustenburg  
August 2015 – June 2016

**Responsible for servicing the Volvo, Renault & UD Trucks.**

#### Key duties Summary

##### ENGINE:

- Repairs of cylinders heads (valves, valve guides & stem seals)
- Engine overhaul (pistons, camshafts & crankshafts)
- Engine compression testing & tuning
- Fuel injector testing

##### CLUTCH AND GEARBOX:

- Clutch overhaul (flywheel, clutch plate & pressure plate)
- Repairs of gearbox lever linkages, oil & air leaks
- Repairs of gearbox gears (main shaft gears, layshaft & synchronizing units)

##### DIFFERENTIAL:

- Differential overhaul (crown wheel, pinion, planetary gear shaft & side shafts)

##### AIR BRAKES:

- Repairs of pneumatic components (compressors, air dryer valves, four-way protection valve & air valves)
- Brakes overhaul (linings, drums, calipers & slack adjuster)

##### ELECTRICAL:

- Repairs of Electrical Components [ Control Units & Sensors]
- Diagnosis with laptop (fault codes & adjusting parameters)
- Breakdowns
- Fault Findings

### Artisan Diesel Mechanic

HIRE ALL-EQUIPMENT HIRE AND SALES  
June 2013 – August 2015

#### Responsible for servicing:

- Earthmoving Machinery
- Caterpillar Excavator 320DL
- Hitachi Excavator ZX200-5G
- Doosan Excavator DX300LA
- Caterpillar Grader 140K
- Caterpillar TLB 428E & 428F
- JCB 3 CX 4 & 3DX
- Caterpillar Skid Steer S175, S130 & S450
- HAMM Rollers 3410,3411 & 3520
- Isuzu Trucks FVZ & FXZ Series

#### Key duties Summary

- Services, Repairs of Engines, Transmissions, Diffs and Hydraulic Systems
- Repairs Of Hydraulic Components [Valve Bank, Cylinders and Motors]
- Remove and Fit Buckets and Buckets Tips

## SYSTEMS

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MS Office Suite  
Tech Tool  
SDP3  
Xendry  
Easy

## SKILLS

Ability to read all relevant measuring equipment.

Knowledge to effect correct repair work.

Ability to interpret technical manuals and specifications and put into practice.

Must be able to speak, read and write English.

Computer literacy.

Dealership experience in maintenance and repairs of heavy commercial vehicles.

Dealership experience in maintenance and repairs of light commercial vehicles.

In possession of a Code 10 driving license.

Knowledge of diesel engine components.

## WORK EXPERIENCE

### Artisan Diesel Mechanic

SCANIA South Africa  
May 2012 – May 2013

#### Responsible for servicing the Scania Truck and Buses.

#### Key duties Summary

- Maintain and repair Scania diesel-powered trucks.
- Carrying diagnostic tests on our trucks, test driving trucks to gauge performance and maintain detailed records of the trucks serviced.
- Repair and replace engines, steerings, transmissions, braking, lighting and other components.
- Performing preventative maintenance on trucks.
- Creating and following an inspection procedure checklist.
- Ensuring the cleanliness of the workshop.
- Secure spare parts to repair damaged components.
- Pre-Checking and Inspection of vehicles before they go on their daily runs.
- Diagnosis and ordering of spares with the Workshop Spares Clerk.
- Pre-check if the correct spares have been ordered.
- Workshop Repairs and Maintenances.
- Preparing vehicles for roadworthiness and taking it to the testing station for road worthy.
- Dismantle and re-assemble after diagnosis and ordering of correct spares.
- Do road testing of vehicles before given to the driver.
- Listens carefully to the driver and test the vehicle as for the driver's complaint before dismantling.
- Take fully responsibility of services vehicles according.
- Fully understanding the type of vehicles being worked on.

## PERSONAL INFORMATION

- ID Number: 860308 5733 08 0
- Driver's License: Code EC
- Nationality: South African
- Languages: Sesotho, English, Zulu, Tswana, Xhosa, Siswati
- Health: Excellent

## ATTRIBUTES



Good technical knowledge of parts.

Knowledge of diesel engine components.

Demonstrated diagnostic skills.

Understand commodity fundamentals that influence product costs.

Physically fit and able to lift heavy equipment.

Proficiency with maintenance and repair tools.

Proficient in MS office, Excel, and Word.

Good interpersonal skill with capability of working independently and as a team member.

Good English oral and written skills

## REFERENCES



### Company: VOLVO Group Trucks

Position: Team Leader

Names: Mr. Sandile Shabangu

Contact: 082 827 5859

Email: Sandile.Shabangu@volvo.com

### Company: UD Trucks

Position: Service Manager

Names: Mr. Kobus Ludik

Contact: 082 321 3969

Email: kobus.ludik@supergrp.com

### Company: SCANIA

Position: Service Manager

Names: Mr. Darron Meyer

Contact: 083 326 2409

Email: darron.meyer@scania.co.za