BRISTOL MUNKOMBWE

Mechanical Fitter / Technician
P.O BOX 110385, Solwezi, Zambia
Cell: **0966 017395 / 0971 111245 / 0950 464045**
Email: **bristol890@gmail.com**

PROFESSIONAL SUMMARY

Dedicated and detail-oriented Mechanical Fitter with over 10 years of hands-on experience in equipment maintenance, repair, and installation. Skilled in mechanical fitting, troubleshooting and preventive maintenance of industrial machinery, low pressure blowers, compander and expanders, cooling tower gear boxes for fans, pumps, and generators. Committed to ensuring operational efficiency, workplace safety, and quality workmanship. A fast learner with strong teamwork and communication skills, adaptable to diverse work environments.

KEY SKILLS

- Industrial generator servicing and maintenance
- Preventive maintenance on compressors and turbo machinery
- Mechanical troubleshooting and diagnostics
- Servicing pumps, motors, and engines
- Small machinery & electronic equipment repair
- Knowledge of mechanical safety standards and PPE
- Proficient with hand tools and workshop equipment
- Basic electrical and electronic repair
- Computer literacy (Microsoft Office, Internet, basic Matlab)
- Ability to work under minimum supervision

WORK EXPERIENCE

Kasanshi Mine PLC – Artisan Mechanical Fitter

November 2017 – To date | Solwezi, Zambia

• Repairing and servicing industrial equipment in smelter area. I have worked under different sections while at kansanshi smelter such as gas screening section, strong acid area, fuel farm area, water treatment area, blower house area and oxygen plant area.

• Performing preventive maintenance by stripping the machines as scheduled such us blowers, compressors, MAC compressors, ZH compressors, GR compressors, GA400 compressor, Companders, expanders, and engine backup pumps during long shutdown period.

• Carrying out full mechanical preventive maintenance tasks within the section

• Supporting safe operations and adhering to mining industry standards

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Brinkiezzy Engineering – Mechanical Fitter /Electronics Technician

January 2012 – 2017 | Solwezi, Zambia

• Servicing generators, lawn mowers, water pumps, compressors, and stators

• Repairing electronic devices such as TVs, computers, DVDs, and mobile phones

• Conducting troubleshooting and fault diagnosis

• Maintaining workshop tools and equipment

EDUCATION

Bachelor of Engineering in (Hons) Electro-mechanical-CBU(The Copperbelt University)(2025 on going).

Degree of Bachelor of Arts in Project Management –ICU(Information and communication University)(2019-2024)

Diploma in Electrical Studies – Alison e-Learning University (2016–2018)

Advanced Certificate in Mechanical Engineering – NORTEC(Northern Technical School)

(2014–2016)

Grade 12 Certificate – Chamboli Secondary School (2007–2009).

PERSONAL INFORMATION

• Date of Birth: 25 June 1991

• Place of Birth: Choma

• Gender: Male

• Marital Status: Single

• Nationality: Zambian

• NRC: 238097/65/1

• Religion: Christianity

Professional Achievements – Kansanshi Smelter

- **Crusher Modification (Shutdown Project)**
  - ✓ Led crew in modifying a critical heavy-duty crusher.
  - ✓ Ensured strict adherence to safety protocols; project completed with **zero injuries or incidents**.
  - ✓ Demonstrated effective leadership and technical competence in high-risk industrial modifications.
- **2018 – One-Month Shutdown (Kirlisco Pumps)**
  - ✓ Collaborated with **SARO**, supplier of the largest pumps at Kansanshi Smelter.
  - ✓ Conducted full overhaul of Kirlisco pumps using hand tools, applying artisan technical skills.
  - ✓ Delivered project **on time and incident-free**.
  - ✓ Authored a **technical report** documenting the overhaul process for future reference.

- **2025 – Major Shutdown (Blower Overhaul)**
  - ✓ Partnered with **Howden Company** to execute a full overhaul of three main blowers.
  - ✓ Served as **team leader**, coordinating technical skills and project management knowledge.
  - ✓ Completed the project on schedule, meeting statutory requirements and operational standards.
- **Hydrostatic Testing & Safety Compliance**
  - ✓ Performed hydro tests on pressure vessels in line with **mine statutory requirements**.
  - ✓ Worked safely at heights of **35–40 meters** on the oxygen cooler box.
- **Environmental Innovation Project**
  - ✓ Designed and implemented a system using **locally sourced materials** to filter compressor condensate.
  - ✓ Successfully separated oil and water, reducing risk of **environmental pollution**.

REFERENCES

- **Mr. Angus denlope** – Superintendent mechanical Engineering (Oxygen, Utilities & Material Handling Plant), Kansanshi Smelter PLC.
  Cell: 0967027066.
- **Mr. Hedrix Chintu** – Former Superintendent Mechanical Engineering (Acid, Oxygen, Utilities & Material Handling Plant), Kansanshi Smelter PLC
  Cell: 0960236649
- **Mr. Andrew Mwila** – Mechnical Supervisor, Kansanshi Smelter (Utilities & Oxygen Plant)
  Cell: 0968764183
- **Mr. Henry mupeta** – Senior Supervisor Mechanical Engineering, Kansanshi Smelter (Utilities & Oxygen Plant)
  Cell: 0965008716.
- **Mr. Romoe Chisowa** – Former Senior Supervisor Mechanical Engineering, Kansanshi Smelter (Utilities & Oxygen Plant).