

VACANCY

Job Summary

The **Zimbabwe School of Mines** is a mining school in Zimbabwe that provides a higher education qualification in mining by providing competency-based training for high caliber, hands-on technicians.

Position Description

Job Title: Assay Tutor Technician

Reporting to: HOD Metallurgy.

Closing Date:

Location: Bulawayo

Duties and Responsibilities

The candidate must be capable of setting up practical work for students in the chemistry and fire-assay laboratories, demonstrating operation of equipment to students, testing samples for both internal and external customers, marking student practical assignments, and should be able to operate the following equipment:

- Fusion furnace
- Muffle furnace
- Atomic Absorption Spectrometer (AAS)
- X-ray Fluorescence Spectrometer (XRF)
- Inductively Coupled Plasma - Mass spectrometry (ICP-MS)
- UV/VIS Spectrophotometer (UV-Vis)
- Supervise students' practical's.
- Preparation of chemicals and solutions for practicals.
- Assist students and staff with their research work.
- Laboratory inventory checks and production of reports.
- Carry out fire-assay and wet chemical analysis of samples.
- Carry out In-come generation projects in the department.
- Maintain a clean work environment.
- Disposal of chemical waste.
- Evaluating laboratory consumables and other components during receiving from suppliers and stores.

Minimum Qualifications and Experience

Minimum of two years of industrial work experience, preferably in the metallurgical assaying laboratories.

- Diploma in Metallurgical Assaying/or Equivalent.
- Higher Diploma/ degree in a relevant field an added advantage.
- Experience of fire assaying techniques a prerequisite

- Knowledge of XRF and AAS machine operations.
- Strong knowledge of the national political and socio-economic landscape in Zimbabwe.
- Superior communication skills in English, including the development of executive presentations and briefings.

Applications including a detailed Curriculum Vitae, certified copies of academic and contactable references should be submitted not later than the 28th of September 2022, by the email humancapital@zsm.co.zw or the Address below

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