

Muhammad ASIM

Quality Control

Contact:

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Profile:

Results-driven Quality Control specialist with a proven track record of optimizing processes and enhancing product quality. Seeking a position in a dynamic organization where I can apply my attention to detail, analytical skills, and problem-solving abilities to contribute to the company's success.

Experience:

Senior Associate Engineer

Amreli Steels Private Limited

2017 – Present

Management:

- Manage SAP activities and documentation, ensuring accurate and efficient data management.
- Prepare detailed reports for each project, documenting processes, outcomes, and recommendations for improvement.
- Manage inventory of used parts and chemicals, ensuring availability for ongoing operations.
- Present detailed reports to the Head of Department (HOD) with comprehensive analysis of findings.
- Provide presentations and demonstrations to new trainees on quality control procedures and practices within the department.

Spectrolab:

- Troubleshoot and maintain Spectrometer for optimal performance.
- Calibrate and troubleshoot Spectrolab instruments, ensuring adherence to quality standards.
- Perform daily maintenance of machines, ensuring their operational efficiency.
- Check the condition of elements with standard samples to ensure accurate measurements.
- Monitor consumables on a daily basis and maintain records of usage.

- Maintain records of all data generated by spectro machines for reference and analysis.

Wet Lab:

- Perform raw material testing using volumetric, gravimetric, and combustion testing methods.
- Prepare chemical reagents and conduct water testing, raw material testing, and macro etching.
- Manage inventory of chemicals and equipment, ensuring availability for testing procedures.
- Perform calibration of Analytical Balance, weighing scale, and Vernier caliper to maintain accuracy.
- Generate reports and analysis of wet lab experiments and tests for documentation and decision-making purposes.

Inspection:

- Conduct thorough inspection of steel billets and scrap to ensure compliance with quality specifications.
- providing inspection results, identifying defects or deviations from quality of Steel billets.
- Perform visual and dimensional inspections of steel billets, utilizing various measurement tools.
- Maintain checklists and traceability reports on a daily basis to track inspection activities.
- Provide detailed report on rejected billets, including rejection criteria and reason for rejection.
- Inspect incoming imported scrap according to specified standards.
- Prepare detailed inspection observation reports and material densities for analysis.
- providing comprehensive report on holding scrap, including rejection criteria and reason for holding.

Rebar:

- Troubleshoot and maintain UTS (Tensile Testing Machine) for optimal performance.
- Conduct rebar mechanical tests such as tensile test and bend test, ensuring product integrity.
- Conduct Macro etching of Rebar structure.

Education:***BS Mechanical Engineering***

Sindh Institute & Technology (SIMT) 2017 – 2022

DAE Metallurgy

Metallurgical Training Centre (Pakistan Steel) 2013 – 2016

Certification:

Microsoft Office 2016

Institute of computer science

Data analyst 2023

Technomide Computer academy.

Skills:

- Quality Control Management
- Analytical Problem Solving
- Team Leadership & Management
- MS Office Proficiency
- Power Bi
- SAP (S4 Hana)