



PRECISION FABRICATED METALS

Refining Lab Supervisor

Sigmund Cohn Corp, a leading manufacturing company specializing in precious and base metal products. The company manufactures products to support a variety of markets including medical devices, aerospace, semi-conductor, automobile, and temperature sensing. This position is mainly responsible for assisting the Refining Lab with material analysis for customer needs and refining precious metals with the objective of re-cycling material to the production line.

Responsibilities will include, but are not limited to:

- Supervise and motivate 3 laboratory employees and manage overall department function.
- Conduct material testing, analysis and reporting using the SEM, XRF and ICP machines.
- Strong analytical skills and interest in metal analysis techniques.
- Perform material testing and approval of raw materials for use in production.
- Lead and coordinate material related failure & root cause analysis, rework procedures, and corrective action implementations in coordination with Process Engineering, Quality and Production Departments.
- Support production work in the refining lab using knowledge of wet chemistry techniques including various acids, glassware, and other laboratory apparatus to meet production needs.
- Knowledge of ISO9001:2015 quality standard in order to effectively ensure compliance in the manufacturing processes.
- Assist in maintaining the quality assurance system that assures internal and external customer requirements are consistently achieved.
- Assist in metal melting and forming, process development and troubleshooting.
- Review, interpret and implement customers' requirements and specifications.
- Coordinate with Purchasing and Engineering on applicable material requirement.
- Generate technical reports for internal review and customer requirements.
- Coordinate and partner with process engineering to evaluate and document manufacturing processes for improvement or enhancement.
- Confirm that all processes are properly documented.
- Maintain alloy database.

Qualified candidates will possess:

- Degree in Materials Science Engineering, Chemical Engineering or Analytical Chemistry.
- Minimum 2-3 years related work experience preferably in a manufacturing environment.
- Experience with SEM, XRF and ICP machines and analyses.
- Experience working with various chemicals, solvents, and wet chemistry techniques.
- Understanding of Quality Control & Management principles.



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- Excellent verbal, written and interpersonal skills for effective communication with all levels of management, staff, suppliers and customers.
- Excellent organizational and problem-solving skills.
- Strong computer skills – Microsoft Office Applications, especially Excel. ERP experience helpful.
- Experience working with non-ferrous metals, melting, forging, rolling is ideal. Wire drawing experience is a plus.
- Previous supervisor experience is preferred.

Compensation and Benefits

- Salary range is: \$65,000 – 85,000.
- Comprehensive benefits package includes 401k, medical, dental, disability, AD&D, and life insurances, paid sick and vacation time.
- Hours: M-F 8:00am – 5:00 pm
- Convenient: On bus line, Metro North New Haven line, or free onsite parking available.