



Join our dynamic team!

Job Title:	Sr. Metallurgical Engineer	Location:	Mountain Pass, CA
Regular/Temporary:	Regular	Full/Part Time:	Full-Time
Exempt/Non Exempt:	Exempt	Shift:	Day Shift

POSITION OVERVIEW:

The Sr. Metallurgical Engineer will assist in running our Crushing, Ball Mill and Flotation areas, as well as the design, commissioning and operation of the new plant, process improvements, and capital projects. This individual will be responsible for interfacing with other parts of the organization which include, QA, customer relations, new product development, process control and monitoring.

KEY RESPONSIBILITIES (essential position functions):

- Creates and maintains operation and process documentation
 - Prepares all operational log sheets
 - Writes Technical SOP's
 - Create and maintain PFD's, P&ID's, Mechanical and layout dwgs, process control procedures, design basis procedures
 - Provides technical training and supervision to operators and process
- Ongoing Process Improvement efforts
 - Identifies and scopes out large capital project needs
 - Participate on large capital project teams
 - Identify and lead small capital projects
 - Identification of production issues and bottlenecks
 - Work with purchasing, vendors, maintenance, contractors, operators, and other team members to complete project
- Process Monitoring
 - Monitors and directs changes to key operating parameters of all production circuits
 - Monitors daily analytical reports with respect to process circuits
 - Identification of process, product and customer issues
 - Performs laboratory test work to investigate, troubleshoot, and improve operations
 - Tracks raw material usage and conversion
 - Creates and maintains Material Balance reports
 - Troubleshoot operation to address
 - Utilizes Statistical Process Control (SPC) to monitor process and to setup Design of Experiments (DOE)
- Quality Management
 - Work with QA and customer service to address any product quality or customer complaints
 - Process qualification

POSITION REQUIREMENTS:

- 5-10 yrs experience as a process engineer in a mining, milling or heavy industrial setting
- B.S. in Metallurgical Engineering
- Experience with the following unit ops is preferred (crushing, milling, ball mill, flotation cells, hydrometallurgy, extractive metallurgy, filters, pumps, DCS/PLC control systems, wet scrubbers, kilns, dryers, etc.)
- Experience leading small to medium size capital projects (\$200k to \$2MM)
- Experience in process improvements from concept (identification, scoping, design, procurement) to installation
- Experience leading a cross departmental team
- Knowledge of how to create, read and modify PFD's and P&ID's
- Ability to identify and solve problems and convince others (management down to operators) that your solution is the right one
- Use of statistical process control to monitor key process variables
- Good written and verbal skills
- Computer skills should include Microsoft Office, statistical software is a plus, AutoCAD is a plus

WORKING CONDITIONS:

- Our facility is at an elevation of 4700 feet
- Employees are subject to extreme weather conditions
 - Freezing winter weather
 - Extreme desert summer heat
- Work is in a mine or manufacturing plant setting, which may include exposure to moving mechanical parts, toxic chemicals, risk of electrical shock, explosives, fumes or airborne particles.
- Occasionally may be required to lift moderately heavy objects (up to 30 pounds) during the course of the workday.

-To apply for this position, please forward your resume to hr@molycorp.com

**ALL RESUMES MUST SPECIFY FOR WHICH POSITION(S) YOU WISH TO BE CONSIDERED
ALSO, PLEASE PLACE THE JOB TITLE IN THE SUBJECT LINE OF YOUR EMAIL-**

Benefits:

Medical

Dental

Vision

Life Insurance

Flexible Spending Accounts (Health & Dependent Care)

401(k) with an outstanding Company match provision

Long Term Disability

Employee Assistance Program

Educational Reimbursement

Paid Time Off (vacation, sick, holidays)

Performance based annual bonus program

Bonus

EEO/AA