



Join our dynamic team!

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

POSITION OVERVIEW:

The Process Controls Engineer will complete capital projects in the existing plant, design and commissioning support of a new plant, and various process improvement projects. This position will be responsible for interfacing with contractors, identifying/scoping new projects, leading project teams, tracking and controlling budget, timing and quality of projects.

KEY RESPONSIBILITIES (essential position functions):

- Design and Project Management
 - Specification and design of new control systems and instrumentation systems
 - Drawing generation and oversight of construction/installation
 - Management of project scope, approval, communication and tracking of project
 - Design of proper control schemes and strategies, working with process engineers to understand the plant operations
 - Programming of PLC logic along with graphical HMI software
- Maintenance and Troubleshooting
 - Troubleshoot instrumentation and control system problems and resolve by modification, replacement
 - Manage the data historian tag list and graphical displays and reporting
 - Assist instrument techs in troubleshooting and setup of equipment
- Creates and maintains process documentation
 - Maintains I/O lists, control specification documents and instrumentation data sheets
 - Create and maintain control docs, P&ID's, process control procedures, design basis procedures, data sheets, I/O lists, etc.
 - 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
 - Utilizes Statistical Process Control (SPC) to monitor process and to setup Design of Experiments(DOE)

POSITION REQUIREMENTS:

- 5-10 yrs experience as a process controls engineer in a chemical, mining, petroleum or heavy industrial setting

- B.S. in Electrical Engineering
- Experience programming and troubleshooting PLC/DCS systems
- Experience in purchasing and setting up new control systems and instrumentation systems (DCS/PLC with data historian)
- Experience with a wide range of instrumentation (temp, control valves, flowmeters, pH, VFD's, etc)
- Experience with the following unit ops is preferred (reactors, filters, pumps, DCS/PLC control systems, wet scrubbers, kilns, dryers, etc.)
- Solvent Extraction, Chlor-Alkali or Co-Gen power plant experience is a plus
- Experience leading large capital projects (\$2MM+), project management skills, high profile startups and reporting required
- 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 electrical and control diagrams, 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
- Good written and verbal skills
- Computer skills should include Microsoft Office, Project or Primavera, AutoCAD

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)
 Bonus

EEO/AA