

Position Opening

Position:	Electrical Engineer	Location:	Clarkdale
Opening Date:	October 7, 2024, 2024	Grade:	10
Closing Date:	Until Filled	Wage:	\$96,844 to DOE

Mission & Values

Our Mission – Creating opportunities and solutions with quality products and exceptional people

Our Values – Profitability the right way... Integrity, Accountability, Excellence

Primary Job Function:

This position will be responsible for managing electrical and control systems scopes in support of the development and implementation of a diverse portfolio of capital and operations improvement projects across SRMG's cement, pozzolan and aggregate divisions with a focus on design, execution, cost efficiency, and compliance with regulatory requirements. This position reports to the Sr. Director of Engineering

Please see below a brief summary job description.

Essential Requirements:

- Wear the required safety equipment including, but not limited to steel toe boots, hardhats, safety glasses, safety harness, ear plugs, dust masks and gloves
- Ability to understand and apply verbal and written work and safety related instruction and procedures given in English
- Regularly required to stand, sit, demonstrate manual dexterity, climb stairs and ladders, work on elevated platforms, perform repetitive movements
- Work in a quarry/manufacturing plant setting and at times work in inclement weather
- Able to lift up to 75 pounds safely
- Travel to assigned locations as required (Up to 50% or more)
- Maintain a valid driver license and acceptable driving record
- Must be able to pass background checks performed by various utility sites for access to those properties

Knowledge, Skills and Abilities:

- Minimum of ten (10) or more years of progressive experience in the cement, lime, or minerals processing industry or another closely related heavy industrial field in a production and/or engineering capacity
- Bachelor's Degree or higher in electrical engineering or related discipline
- Minimum of five (5) or more years of experience in managing projects at all phases of development including conceptualization, design, construction, commissioning, and ongoing operations
- Possess a strong understanding of electrical systems and component design, fabrication processes and engineering materials
- Good familiarity with design, installation, upgrade, commissioning, operation and maintenance of power distribution systems, breakers, high voltage systems, air conditioning, and pressurization systems, variable speed medium voltage drives/motors, transformers, switchgear, power monitoring and communication equipment, and MCC equipment
- Thorough understanding of and capability to perform system and analytical studies including short circuit, grounding, coordination, load flow, motor starting, conduit and cable tray fill, and arc flash
- Knowledge in the design of low, medium and high voltage power distribution, including transformer sizing and cable sizing
- Familiarity with all facets of Allen Bradley's family of PLC componentry and the ability to design and maintain PLC systems
- Experience in HMI design and programming, particularly with FLSmith ECS and Rockwell Automation RSLogix/FactoryTalk View suite of software products
- Possess the ability to collaborate with project managers, E&I and IT department personnel, process engineers, and vendors to develop and lead control system upgrades and migrations, adoption of data historians and maintenance, and implementation of robust control system security measures and protocols to ensure seamless integration with existing plant systems

Position Opening

- Possess superior engineering skills, resourcefulness, and creativity and be able to apply these to conceptual and detailed designs, estimates, equipment selection, commissioning, and troubleshooting activities
- Working knowledge of industry/regulatory codes and standards
- Proficiency in Autodesk AutoCAD for both review and generation of project drawings
- Possess a high degree of proficiency with and knowledge of Microsoft Office suite software products (i.e. Excel, Word, PowerPoint, Project)
- Effective time management skills with the ability to prioritize tasks, manage multiple projects simultaneously, and meet deadlines
- Effective communication and interpersonal skills, with the ability to effectively collaborate with cross functional teams and stakeholders at all levels, internally and externally

DUTIES & RESPONSIBILITIES

- Oversee the creation and validation of detailed electrical and process control designs and documentation
- Review, develop and maintain project electrical control systems design criteria, guidelines, standards, and practices based on latest codes, technologies, and methodologies
- Lead the preparation of technical scoping, pre-feasibility and feasibility studies, including cost estimates for a wide range of electrical and control systems projects within the SRMG portfolio
- Collaborate with internal technical specialists and operations personnel, as well as external consultants, equipment suppliers, technology providers, contractors, and personnel from partner Utilities
- Manage the procurement of goods and services by preparing requests for proposals and related technical documents, review bids and participate in evaluation and provide recommendations for contract award/purchasing activities
- Review generation of project documentation that includes technical recommendations, scope of work packages, and commissioning documents
- Maintain proper documentation of electrical, instrumentation, and control systems and keep drawings and files current including process instrumentation diagrams, interlock diagrams, network diagrams, business continuity plans and standard operating procedures
- Work with SRMF Safety and Environmental Departments to ensure that project designs are compliant with policies, regulations and procedures
- Organize and provide engineering support for the design, construction, commissioning and operations phases of each project
- Identify, recommend, and implement improvements in SRMG's cement and pozzolan mining, processing, grinding, manufacturing and distributions processes to increase productivity, increase product uniformity and quality, and reduce costs
- Prepare cash flow analysis and Capital Asset Requisition (CAR) forms for financial justifications and capital budget requests
- Communicate regularly with stakeholders, including delivery of presentations to operations personnel, executive management, and engineering team meetings
- Provide mentor-ship for the growth of junior engineering staff and operations/maintenance personnel
- Perform any other duties incidental to this job classification or as designated by management

Internal Applicants-please complete an Internal Transfer Opportunity Request Form located in MySRMG>Human Resources>HR Forms

and send to akremer@srmaterials.com.

External Applicants-please complete an application on our website www.srmaterials.com, email to akremer@srmaterials.com or fax to 928-639-8066.

Salt River Materials Group (SRMG) is the commercial trade name for the marketing activities of Phoenix Cement Company and Salt River Sand & Rock. Phoenix Cement Company and Salt River Sand & Rock are independent divisions of the Salt River Pima-Maricopa Indian Community. Salt River Materials Group preferentially hires; Community Member Veteran, Community Member, Spouse of Community Member, qualified Native American, and then other qualified candidates.

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