

## Position Opening

|                      |                                       |                  |                   |
|----------------------|---------------------------------------|------------------|-------------------|
| <b>Position:</b>     | Electrical Instrumentation Specialist | <b>Location:</b> | Clarkdale         |
| <b>Opening Date:</b> | April 9, 2019                         | <b>Grade:</b>    | 7                 |
| <b>Closing Date:</b> | Until Filled                          | <b>Wage:</b>     | \$22.27 - \$33.71 |

### **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:**

Repair, install complete periodic preventative maintenance, maintain and calibrate all electrical equipment, including: instruments, analyzers, monitors and process control system equipment. Responsible for field fault analysis. Position reports to Electrical Supervisor.

**Please see below a brief summary job description.**

### **Essential Requirements:**

- Wear all required safety equipment including but not limited to hardhats, safety glasses, safety harness, ear plugs, dust masks, and gloves
- Ascend and descend stairs and ladders
- Able to bend, kneel, twist in confined spaces and awkward positions for extended periods
- Climb up and down, above, inside and under equipment
- Identify colors – electricians work with colored wiring and must be able to identify colors by sight
- Lift up to 75 pounds of weight properly
- No fear of heights up to 460 feet
- Able to work in inclement weather
- Required and predictable attendance

### **Knowledge, Skills and Abilities:**

- Qualified Journeymen Electrician with Instrumentation required
- Basic trigonometry for calculation of vectors as in VFD systems
- Welding experience preferred
- Able to read and write for log keeping
- Proficient in electrical theory such as power factors, transformers, series and parallel circuitry, line loading, line losses, and dielectric and conductivity or conductive properties and materials
- Knowledge to repair complex electronic industrial control micro-processing and computer systems
- Experience with instrumentation, hazardous location wiring practices, panel design and PLC hardware
- Ability to operate forklifts, manlifts, small cranes, and overhead bridge cranes
- Ability to work various shifts as needed including overtime, weekends, holidays and evenings
- Understand blueprints, wiring diagrams, sketches, CAD drawings, specifications or verbal instructions
- Working knowledge of Microsoft Excel, Outlook required
- Furnish hand tools up as per tool list
- Maintain valid driver's license

### **Duties and Responsibilities:**

- Understand and follow all safety policies and guidelines
- Install and maintain all electronic equipment, including closed circuit TV, monitors, intercommunication systems, radio units, PLC hardware and associated equipment
- Install and maintain all pneumatic and electrical recording, regulating and control instruments, and valves
- Install, repair, maintain and service all plant refrigeration equipment
- Install and maintain tubing and pipe related to instruments and controls
- Troubleshoot control problems from the control system level
- Perform vibration analysis, take vibration readings and balance fans
- Lay out, construct, assemble, install, test, repair and maintain all electrical equipment; such as motors, generators, drives,

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- lighting circuits and fixtures, power cables and substation equipment
- Weld Unistrut J-box brackets
- Move stackers and reclaimers as required
- Set up and use rigging to handle tools and equipment
- Requisition parts and equipment from the storeroom
- Maintain records of inspections, cleanings, lubrication and repairs
- Perform all job functions of Electrical Technician I , II and Sr.
- Perform relief Foreman and Supervisor duties
- Implement control system programming and hardware modifications to support operations, maintenance and project related needs
- Install and maintain control system hardware and software
- Maintain field based equipment such as intelligent relays, transmitters and drives
- Utilize the control system as a troubleshooting tool to help resolve operational issues
- Back up control system programming and configuration data as required
- Monitor the age and revision level of control system software and hardware and assist in the implementation of necessary upgrades and updates
- Manage and maintain a laptop computer and related accessories to allow for the maintenance of systems not accessible via the main control system
- Assist with the management of vendor supplied control system maintenance and service contracts
- Maintain a close business relationship with outside resources to ensure the availability of their services
- Interface with SRMG's Information Technology department and solicit and utilize their services as necessary
- Stay current with the control system's technology through training and research
- Conduct equipment pre and post checks and report any conditions that need attention to supervisor
- Operate forklifts and manlifts
- Operate small cranes and overhead bridge cranes
- Set up and use rigging to handle tools and equipment
- Perform cleanup in work and shop area
- Perform other duties incidental to this classification as directed

Internal Applicants-please complete an Internal Transfer Opportunity Request Form located in MySRMG>Human Resources>HR Forms and send to [crifon@srmaterials.com](mailto:crifon@srmaterials.com).

External Applicants-please complete an application on our website [www.srmaterials.com](http://www.srmaterials.com), email to [crifon@srmaterials.com](mailto:crifon@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 Native Americans.***