

Job ID: SB110410A
Job Title: Instrumentation, Controls & Electrical Specialist
Degree Requirements: High School Diploma
Years of Experience: 5+
Type of Position: Direct Hire
Location: Northern Nevada
Salary Range: \$32.50 / hour + Overtime
Travel Required: <15%

IMMEDIATE NEED in northern Nevada for a I & C Electrical Controls Specialist who has a minimum of a high school diploma and 5+ years work instrumentation, controls and electrical maintenance experience. Some relocation assistance is budgeted for this position.

The **MUST HAVE** items in this position are:

- 5+ years experience in instrumentation, controls and electrical maintenance, preferably in a coal fired power plant
- A strong knowledge of Continuous Emissions Monitoring Systems (CEMS)
- Strong knowledge of Allen-Bradley PLC's, specifically Control Logix 5000
- Experience with Fisher valve assemblies and Fisher DVC positioners
- Capable of working on electrical equipment up to 120KV
- Expertise with high voltage motor relay protection
- Knowledge of electrical installations as dictated by the NFPA 70 National Electrical Code (NEC) and NFPA 70E
- Strong understanding of analytical instrumentation associated with a water treatment facility

PLUSSES in this position are:

- Having a 2 year technical degree in Instrumentation or a bachelors degree in an engineering discipline
- Expertise with communication networking (HART, Foundation FieldBus, DeviceNet, Profibus, AnyBus)
- Knowledge of plant safety, policies and procedures, especially in areas such as chemical handling, high-energy systems, confined spaces, incipient fire suppression, first aid and rotating machinery

Reporting to the I & E Supervisor the **RESPONSIBILITIES** of the position include but are not limited to:

- Perform electrical repairs, installations, inspections and preventive maintenance of electrical lines, to continually operating machinery & equipment
- Operate light to medium weight vehicles
- Act as a leader; set a positive example for, direct, and train lower level technicians
- Perform shift lead man and administrative functions; provide information and documentation for personnel evaluation purposes as required
- Utilize computer to input, access and compile data
- Perform advanced PLC and DCS programming
- Maintain accurate and up-to-date 'as-built' information on blue prints, P&IDs & electrical schematics
- Troubleshoot & maintain automated telecommunication systems and fiber optic equipment
- Design, install & maintain complex interdependent control circuits
- Comply with state and federal health and safety regulations, company policies & procedures

The **PHYSICAL DEMANDS** of this position are:

Stand, sit, walk & stoop or kneel

Talk or hear, use hands & finger, reach with hands & arms

Routinely lift items up to 10 lbs., occasionally lift or move objects of up to 40 lbs., push / pull up to 70 lbs.

Vision requirements for this position include close vision & the ability to adjust

Work in outside weather conditions (wet / dry / humid / dusty)

Work near heavy machinery in a Safety conscious manner

KEY WORDS: Continuous Emissions Monitoring Systems (CEMS), Allen-Bradley, Allen Bradley, PLC, Control Logix 5000, Fanuc, Fisher valve assemblies, Fisher DVC positioners, high voltage, motor relays, NEW, NFPA 70, NFPA 70E, National Fire Protection Association, I & C, P&ID, P & ID, I&C, I&E, I & E, instrumentation, HART, Foundation FieldBus, DeviceNet, Profibus, AnyBus, OSHA, 10 hour, 40 hour, distributed control system, DCS, telecommunication systems, fiber optic, interdependent control circuits, safety

If you meet these requirements and wish to be considered for this position, send your résumé to us using Word 97 - 2003 at Resumes@PinnaclePlacementGroup.com mentioning the **Job ID** and the **Job Title** in the subject line of your email. **In your email please provide us a short narrative detailing your experience and expertise as it applies to this position.**