

JOB DESCRIPTION**FOR****SCADA ENGINEER**

The SCADA Engineer will develop and integrate SCADA, PLC, and HMI solutions for our clients.

The SCADA Engineer is to assist the Project Manager with fulfilling the needs of our clients by providing timely, precise, appropriate, and thorough service.

Job Functions

A highly qualified SCADA Engineer will be able to perform these job functions, and other functions as assigned.

SCADA Engineer Duties

Design panel layouts and wiring diagrams

Develop and document SCADA and PLC programs

Configure desktop and server PC hardware and OS

Design and integrate wired and wireless Ethernet and Serial data networks

Perform radio site surveys and analysis

Supervise the construction of instrumentation and control systems

Troubleshoot, analyze, repair, report on, and recommend/ perform service of SCADA, PLC, instrumentation, motor controls, and process analyzers

Perform and document process instrumentation verification and calibration

Mount and wire components in PLC and motor control panels

Be a primary contact to assigned clients and report their needs, concerns, or requests to the Project Manager

Update drawings to reflect as-built conditions

Run and assemble coaxial, Ethernet, and serial cables

Perform I/O loop testing, and wire tracing and identification

Measure voltage, resistance, and current of electrical circuits

Clean and organize assigned working areas and tools

Acquire material quotes and place orders from vendors as directed

Represent the Company at project design and construction meetings

As a SCADA Engineer, you will be held accountable by, and will report to the Project Manager. You will receive Work Orders to be fulfilled from the Project Manager and will perform the work appropriately and with minimal direction. You will work both independently and as a project team member. Detailed time records and work performed for each Work Order will be reported to the Project Manager on a daily basis. You will supervise and work with other staff as required.

A qualified candidate for this position will be able to:

- Be consistent and dependable.
- Conduct work and interact with clients in a professional, conscientious, and sensitive manner.
- Work safely in confined spaces, hazardous locations, and in sewage facilities
- Speak, read, and comprehend the English language.
- Properly and safely use hand and power tools used in the Electrical Trade
- Lift 20 pounds
- Work while standing on a ladder
- Distinguish colors used in electric wiring color-coding
- Stand on a platform elevated over twenty feet above ground
- Work in uncomfortable outdoor and indoor climates

Desired experience, abilities, knowledge, and traits:

- Possess a strong desire to perform work as directed in a timely, safe, and professional manner.
- 5 years experience with programming and configuring SCADA software packages, PLC platforms, Microsoft Operating Systems, OPC , SQL, and OLE clients and servers.
- 5 years experience working with or around electrical, mechanical, and chemical equipment and systems used in water, waste water, and crude oil production, collection, treatment, and distribution operations.
- Extensive knowledge of electricity, electronics, and computers.
- Knowledge of basic electrical construction tools, materials, and techniques
- Have training and certification from Wonderware, Rockwell Automation, ISA, etc.
- Desire to learn new skills, move up, and accept increasing responsibilities.

Requirements of employment:

- Possession of a valid California class C drivers license
- Have and maintain a clean driving record and be insurable on the company policy
- Pass a pre-employment background check and drug test
- Pass random drug testing during the course of employment
- Agree to and sign a Non-Disclosure & Confidentiality Agreement, an Arbitration Agreement, and a Non-Solicitation Agreement

Wage: Hourly-Determined based on qualifications

Benefits:

- Paid Holidays – Six (6) legal Holidays plus one (1) floating Holiday
- Paid Vacation – Up to Eighty (80) hours per year, accrued by percentage of hours worked per pay period.
- Paid Sick Time – Up to Forty (40) hours per year, accrued by percentage of hours worked per pay period.
- Company vehicle (restrictions apply)
- Company smart phone, laptop computer, and cellular internet service (restrictions apply)
- Health insurance (Employee only)