



## Sentinel Peak Resources LLC

### POSITION DESCRIPTION

**TITLE:** SCADA TECHNICIAN  
**DEPARTMENT:** Inglewood Field Operation  
**REPORTS TO:** Operations Supervisor

#### **BASIC PURPOSE OF POSITION:**

Utilizing extensive knowledge of field operations and a strong knowledge of SCADA and operational measurement, electrical, instrumentation, and automation technologies and processes. Responsible for installing, monitoring troubleshooting and maintaining automation and SCADA systems and equipment in support of Operations, Facilities and Construction projects.

#### **ESSENTIAL DUTIES AND RESPONSIBILITIES:**

- Provide guidance in application of and compliance with PLC, HMI and SCADA Standards and requirements.
- Assist System Integrators during installation of and maintenance to process control systems and SCADA network.
- Troubleshoots and repairs SCADA systems and equipment in support of Operations activities.
- Manage backup copies of all PLC programs and software upgrades, issues all necessary IP addresses and monitors access to SCADA system.
- Provide technical support to Facility Engineers and Construction personnel in support of new or modified control and communications equipment and systems.
- Manage SCADA Network passwords and security credentials and provides SCADA system training to Operations personnel.
- Manage revisions to the PLC, HMI and SCADA Standards document. Reviews and approves modifications or revisions to hardware, software and communications equipment.
- Conduct required regulatory compliance and SPR compliance testing. This includes but is not limited to BSEE, SBC APCD, and SPR safety system and compliance inspection, calibration and testing.
- Assist engineering with projects and system upgrades.
- Conduct preventive maintenance PM's for all instrumentation (electronic, pneumatic).
- Order and maintain an adequate parts inventory.
- Calibrate and maintain safety devices pertaining to oil and gas measurement, pressures, levels, temperatures and etc.
- Interface with all departments including operations, electricians, mechanics and engineering staff.
- Troubleshoot process upsets on all associated production and safety equipment.
- Perform other job related duties as required.

## **POSITION SPECIFICATIONS:**

- High School Diploma or GED required. PC Computer literate.
- Minimum of 4 years of direct I&E and or measurement experience in oil and gas production.
- Working knowledge of all aspects of instrumentation and process control systems and equipment, PLC/HMI programming and SCADA systems management. Application of Allen Bradley Control Logix, Compact Logix, Flex Logix , Wonderware Intouch and ArchestrA.
- Ability to read and interpret P&ID's, Pneumatic, Electrical and Mechanical equipment engineering drawings.
- Demonstrated expertise in configured PLC ladder logic, Fisher Provox Distributed Control System (DCS) and relay logic.
- Experience working with Distributive Control Systems. P.L.C. Control Systems. Hardware and Software Control Systems. Instrumentation / Electrical / Pneumatic, and Automation Control Systems.
- Interfaced with U.S. Government (BSEE) and County (APCD) inspectors.
- Training preference in 30 CFR 250 Subpart O / H-2-S Training / CPR Training / Hazmat training / Emergency response

## **PHYSICAL REQUIREMENTS:**

The position requires manual dexterity to handle documents and operate office equipment such as fax machines, copiers, printers, shredders and computers. Also required is performing repetitive motions, and extended periods of sitting, standing and walking for varying lengths of time. The position requires interacting and communicating professionally with others via speaking, hearing and writing, learning new tasks, processes and concepts, thinking to solve problems, concentrating on required tasks, distinguishing color and depth perception and reading data, figures, electronic and hard copy documents.

The position requires frequent stooping, bending, squatting, crawling, crouching, pushing, reaching, pulling, lifting, grasping, fingering, reaching over the shoulders and below the waist, carrying of up to 75 lbs. while walking, lifting up to 95 lbs. to waist level and lifting up to 65 lbs. over shoulder level, the continuous use of both hands, arms, and feet and the manual dexterity to operate heavy and light tools, equipment, and materials.

The position requires walking or traversing over and across uneven terrain, accessing of areas outdoors and on or around equipment, over or around obstacles or structures such as pipes, low rails and walls, stooping or bending to reach certain locations, climbing stairs or ladders, and exposure to outside weather conditions.

The position requires wearing personal protection equipment such as gloves, gas mask, suits, etc. with an average weight of 10-25 pounds

## **DISCLAIMER:**

The position description has been designed to indicate the general nature and level of work performed by employees within this classification. The essential duties, responsibilities and physical requirements above describe those functions that are essential to the performance of this job. The above description does not include all of the duties and responsibilities assigned to this position. Employees holding this position will be required to perform any other job-related duties as requested by management.

An Equal Opportunity Employer: race, color, religion, national origin, citizenship status, sex, sexual orientation, gender identity, age, genetic information, disability, Veteran status or any other characteristic protected by federal, state or local law.