

Job Title:	Substation Technician
Department/Group:	Field
Reports To:	Supervisor
Position Type	Full-time
Pay Type:	Non-Exempt/Hourly
Salary Range:	\$35.15/hr
Travel Required:	100%

Job Description

JOB SUMMARY:

Work will consist of installations, alterations, additions and/or repairs of electrical systems, and associated materials and equipment within the high voltage transmission and substation electrical industry. Perform duties necessary to complete assigned task under the direct supervision of Project Supervisor. Employee should keep all materials, tools and equipment in an orderly fashion and maintain a clean work area at all time and demonstrating safe work habits and proper care for tools and equipment.

RESPONSIBILITIES AND DUTIES:

- Clearly understand and comply with Brink Constructors and Federal Job Safety Requirements. (O.S.H.A.)
- Must be able to report to assigned job site location on time as directed.
- Maintain and properly store tools and equipment.
- Proper use and safe handling of tools, equipment and materials.
- Accurately organize materials and tools in order to maintain clean and neat work area.
- Assist in various job duties as directed.
- Ability to quickly learn functions of the jobs.
- Ability to install switchgear and its terminations.
- Ability to install all sizes of conduit that will ensure timely installations.
- Ability to learn equipment operations (crane, flatbed truck, trailer, forklift, aerial lift)
- Ability to use hand tools. (i.e., pliers, hammer, crescent wrench, side cutters, channel locks, screwdriver).
- Must be able to safely use all power tools, saws, threaders, wire tuggers, hydraulic benders and KO punches.
- Work from all types of aerial lifts and operate lifts as necessary in a safe manner.
- Perform work at various heights upwards to 120 feet from various means (aerial lift or climbing).
- Accurately read labels, job site maps/directions, instruction manuals and written instructions.
- Employee must have ability to acquire / maintain personal hand tools and other tools necessary for this position (scare strap, tool pouch, nut bag and high-top boots) as directed.
- Valid Driver's License and have own transportation. (Note: Public Transportation does not always serve most sites).
- Other miscellaneous duties, as assigned, to assist with the completion of a task.
- Inspect and test equipment and circuits to identify malfunctions or defects, using wiring diagrams and testing devices such as ohmmeters, voltmeters, or ammeters.
- Prepare and maintain records detailing tests, repairs, and maintenance.
- Consult manuals, schematics, wiring diagrams, and engineering personnel to troubleshoot and solve equipment problems and to determine optimum equipment functioning.
- Analyze test data to diagnose malfunctions, to determine performance characteristics of systems, or to evaluate effects of system modifications.

- Open and close switches to isolate defective relays, performing adjustments or repairs.
- Repairing and Maintaining Electronic Equipment — Servicing, repairing, calibrating, regulating, fine-tuning, or testing machines, devices, and equipment that operate primarily on the basis of electrical or electronic (not mechanical) principles.
- Identifying Objects, Actions, and Events — Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events.
- Inspecting Equipment, Structures, or Material — Inspecting equipment, structures, or materials to identify the cause of errors or other problems or defects.
- Making Decisions and Solving Problems — Analyzing information and evaluating results to choose the best solution and solve problems.
- Getting Information — Observing, receiving, and otherwise obtaining information from all relevant sources.

WORKING CONDITIONS:

- Job may require working in all elements, depending on job location, time of year, heat, cold, rain, or snow.
- Job may require operation of equipment in all elements without climate control.
- Must be able to utilize construction site sanitary facilities. (Porta-Johns).
- Job requires employee to have required hand tools with them at all times while at work site. (Waist tool belts can weigh up to 40 lbs.)
- Must wear personnel protective equipment at all times. (i.e. Hard hats, safety glasses, safety harnesses as required).
- Repetitive use of arms, legs, hands and fingers. Ability to work 9 hours per day, 45 hours per week and additional, as required, with little or no advanced notice.
- This position may be subject to assist with work on energized lines.

PHYSICAL REQUIREMENTS – (THE EMPLOYEE SHOULD BE ABLE TO PERFORM THE ESSENTIAL JOB FUNCTIONS WITH OR WITHOUT REASONABLE ACCOMODATIONS):

- Must be able to bend, stoop, squat, crawl, climb, kneel, balance, push, pull, and reach overhead.
- Ability to lift, by one's self, work- loads of up to 50 lbs.
- Climb structures of all types (wood, tubular steel, lattice steel).
- Possess good vision / hearing. (Normal or corrected).
- Ability to work while constantly moving on one's feet.

QUALIFICATIONS AND EDUCATION REQUIREMENTS:

- High School graduate or G.E.D. required
- Previous substation/construction work required
- Department of Labor certification for Substation Technician

PREFERRED SKILLS:

- Previous electrical line/substation and / or construction experience is required.
- Critical Thinking — Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.
- Equipment Maintenance — Performing routine maintenance on equipment and determining when and what kind of maintenance is needed.
- Repairing — Repairing machines or systems using the needed tools.
- Troubleshooting — Determining causes of operating errors and deciding what to do about it.
- Reading Comprehension — Understanding written sentences and paragraphs in work related documents.

- Support — Occupations that satisfy this work value offer supportive management that stands behind employees. Corresponding needs are Company Policies, Supervision: Human Relations and Supervision: Technical.
- Independence — Occupations that satisfy this work value allow employees to work on their own and make decisions. Corresponding needs are Creativity, Responsibility and Autonomy.
- Attention to Detail — Job requires being careful about detail and thorough in completing work tasks.
- Analytical Thinking — Job requires analyzing information and using logic to address work-related issues and problems.
- Cooperation — Job requires being pleasant with others on the job and displaying a good-natured, cooperative attitude.
- Dependability — Job requires being reliable, responsible, and dependable, and fulfilling obligations.
- Integrity — Job requires being honest and ethical.

LICENSES:

- Current driver’s license
- CDL Class A required

SUPERVISORY DUTIES: N/A

ADDITIONAL NOTES:

The information contained in this position description describes the general nature and level of work being performed in this job. This description is not intended to be an all-inclusive list of responsibilities, duties, and requirements for employees in this position. The incumbent is responsible for performing all duties in a safe and efficient manner in compliance with safe work procedures and safety regulations. This job description is not intended to constitute an offer or contract for employment. Job descriptions may and do change periodically.

I have read and understand the above job description. I also understand that by signing this form, I acknowledge that I am physically and otherwise able to perform the duties of the job I am applying for. Any questions I have pertaining to the position and the duties outlined above, should be asked of the management of Brink Constructors, Inc. prior to start date.

Printed Employee Name:	
Signed Employee Name:	
Date:	