

**REYNOLDS ELECTRICAL & ENGINEERING CO., INC.  
POSITION DESCRIPTION**

**POSITION TITLE:** Lineman

**JOB CODE :** 035703, 030703

**DATE PREPARED :** July 21, 1992

**Revised:** December 13, 1993

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**SUMMARY STATEMENT**

The incumbent performs all work in the maintenance and construction of overhead and underground high voltage transmission and distribution lines and substations including tunnel or shaft high voltage distribution. Reads drawings, operates line equipment and vehicles, conducts testing of transformers and other electrical equipment, climbs poles or structures, and works in aerial bucket trucks.

**DIMENSIONS**

The incumbent reports to a Lineman Foreman, general foreman, or salaried supervisor and has no supervisory responsibilities.

**NATURE AND SCOPE**

1. Performs work in accordance with drawings, sketches, specifications, and standards;
2. Sets poles or structures, installs anchors and guys, pulls wire in the construction of overhead transmissions and distribution lines;
3. Sets structures, switches, and transformers. Installs grounding in the construction of high voltage substations;
4. Lays cable in trenches, splices cable, installs transformers and switching and sectionalizing cabinets, installs elbows, grounding of underground high voltage distribution lines;
5. Installs high voltage cables and transformers, splices and maintains power equipment, troubleshoots;
6. Installs and maintains wood pole mounted area lighting systems;
7. Adheres to all Company EEO, affirmative action, environmental, health, safety, quality assurance, and security programs;
8. Performs related work as required.

**ESSENTIAL JOB FUNCTIONS**

**Physical**

<i>Constantly = Over 2/3 of time</i> <i>Frequently = 1/3 - 2/3 of time</i> <i>Occasionally = Less than 1/3 of time</i>
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1. Frequent lifting/carrying of up to 50-pound insulators and other materials/supplies necessary to perform job duties;
2. Occasional pushing/pulling using one/both hands/arms exerting 25 to 35 pounds of force moving/installing equipment/materials/supplies; occasional working with arms extended overhead;
3. Frequent/constant climbing power poles, etc. to repair/replace broken lines, transformers, or other power equipment;

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4. Frequent bending/twisting at waist/knees/neck while maintaining power lines, transformers, and other power equipment which are part of a high voltage transmission and distribution system;
5. Occasional kneeling/crouching while installing/repairing equipment;
6. Constant use of both hands/arms reaching/handling/grasping/fingering/gripping while performing job duties;
7. Constant use of sight abilities requiring visual acuity in near-, mid-, and far-range, hand/eye coordination, and color perception;
8. Frequent use of speech/hearing abilities communicating with coworkers/supervisors;
9. Frequent work in high places on energized high voltage lines with hot sticks and rubber gloves;
10. Frequent/constant operating vehicles and equipment used in line work such as boom trucks, auger trucks, bucket trucks, stringing and tensioning equipment, and all tools used in line work;

### **Mental**

1. Must possess good written communication skills in recording data if assigned to substitutions, filling out forms, and completing logs;
2. Must have basic mathematical skills including basic algebra and trigonometry;
3. Constant mental alertness and attention to detail are required to avoid serious consequences of financial loss and maintain a safe working environment;
4. Must have effective problem-solving skills and be able to troubleshoot malfunctions in power lines, transformers, and other power equipment;
5. Must be able to deal with emergency situations, hazardous conditions, and time constraints;
6. Must possess knowledge of rigging practices and safety in rigging in the conduct of line work;
7. Must be knowledgeable in all aspects of safety concerning line work including work in energized circuits and equipment;
8. Must be knowledgeable in the use of high and low-voltage test equipment and meters;
9. Must possess knowledge in cable splicing (high voltage) including elbows.

### **WORKING CONDITIONS AND EQUIPMENT USED**

This position could require work at sites as much as 6000 feet above sea level and/or work underground. Employees may be required to work around noise levels in excess of 80 dBA, moving machinery, and damp and dusty environments. Restricted or irregular working hours may be required.

**Tools & Equipment Used:** Hand/power tools, crane, hoist, boom truck, hot sticks, and other equipment as needed. Safety equipment includes hard hat, safety shoes, rubber gloves, safety harness, and hearing/eye protection.

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### **REQUIRED TRAINING AND WORK EXPERIENCE**

This position requires four or more years of experience working as a journeyman lineman including having completed an apprentice program either in an IBEW local or a power utility, or have equivalent training and experience. If the incumbent welds, must be qualified and able to demonstrate continued proficiency in accordance with REECo's General Welding Standard WQ-1, as described in the REECo Welding Manual, Volume II. Should have basic knowledge of National Electrical Safety Code concerning transmission and distribution and OSHA regulations. Should be current in CPR and first aid.

### **OTHER SPECIAL QUALIFICATIONS**

Valid driver's license required. Valid Class "A" Commercial Driver License may be required. "O" clearance required or must be capable of receiving after hire. Some work environments may require the prolonged use of a breathing respirator and/or hearing protection. Must receive Hazardous Material training and pole-top and aerial bucket rescue.