



P. O. Box 239

Lockhart, TX 78644

# Job Description Form

**Job Title: CLASS I LINEMAN**

**Date: October 1, 2018**

**Revised Date: April 4, 2018**

**Pay Range: \$17.71- \$22.66 -\$27.60 hrly**

**Pay Grade: 29 Non-Exempt**

**Brief Description of the Job:** This is a Safety Sensitive Position

Frame & install new poles for new circuits or replacement of bad order poles. Dig holes with digger truck or by hand; set poles with digger truck or manually; guide & maneuver into position; shovel & tamp dirt; plumb the pole. Repair & maintain right of way for electrical lines. Cut underbrush to make room for bucket truck/boom truck; roll rocks & boulders out of the way; drive truck under tree limbs; climb into bucket & use hydraulic saw or chain saw to cut limbs & branches; & feed brush into chipper or into truck or load on trailer. Install pad mound & over-head transformers; install secondary services to transformers; frame poles off of climbing hooks or a bucket truck using a hand line; send conductors up pole using a hand line; install underground circuits, make underground primary & secondary terminations. Work on energized poles whenever necessary. Have knowledge of locating underground circuits using a locator. Maintain & replace electrical circuits; run new service lines for residential or commercial services; & replace bad order services. Set poles in energized circuits & sag circuits using hoist & using PPE. Troubleshoot electrical outages; switch feeders from various air switches within the power system in order to minimize customer's outage. Rides & drives from one location to another. Conducts inspections & troubleshoots circuit problems on foot when necessary. Connects, disconnects & reads electric meters. Completes daily tracking sheets, mileage reports, vehicle inspection sheets, & any other routine paperwork & have basic computer skills. Must be able to on 24 hr. call out & be able to respond within 25 minutes to the call or warehouse. Due to safety capacity limitations of service work bucket truck, combined personal body weight, materials & tools cannot exceed 300 pounds.

Essential Functions-Listed in descending order of frequency; in the Strength Column, S= Sedentary, L = Light, M=Medium, H=Heavy; For Physical Demand Code See Below Essential Functions	% of Time	Strength	Physical Demand Code
1. Frame & install new poles for new circuits or replacement of bad order poles Dig holes with digger truck or by hand; set poles with digger truck or manually; guide & maneuver into position; shovel & tamp dirt; plumb the pole.	30	VH	A,B,C,D,E,F,G,H, M,N,O,P,Q,R,S,T
2. Repair & maintain right of way for electrical lines; cut underbrush to make room for bucket/boom truck; roll rocks & boulders out of the way; drive truck under tree limbs; climb into bucket & use hydraulic saw or chain saw to cut limbs & branches; & feed brush into chipper or into truck or load onto trailer.	30		A, B, C, D, E, F, G, H K, M, N, O, P, Q, R, S, T
3. Install pad mount & hand over-head transformers; install secondary services to transformers; set anchors & assist others while working on poles. Frame poles off of climbing hooks or a bucket truck using a hand line; send conductors up pole using a hand line; install underground circuits, make underground primary & secondary terminations. Work on energized poles whenever necessary. Have knowledge of locating underground circuits using a locator.	10		A, B, C, D, E, F, G, H I, J, K, M, N, O, P, Q, R, S, T
4. Maintain and replace electrical circuits; run new service lines for residential or commercial service; and replace bad order services. Set poles in energized circuits and sag circuits using hoists using PPE.	10		A, C, D, E, F, G, H, I, K, M, N, O, P, Q, R, S, T, U
5. Troubleshoot electrical outages; switch feeders from various air switches within the power system in order to minimize customer's outage.	5		A, B, C, D,E, F, G, H, I, K M, N, O, P, Q, R, S, T, U
6. Rides and drives from one location to another. Conducts inspections and troubleshoots circuit problems on foot when necessary. Connects, disconnects and reads meters.	4		A, B, C, E, F, G, H, I, J K, L, M, N, O, P, Q, R, S, T, U
7. Completes daily tracking sheets, mileage reports, vehicle inspection sheets other routine paperwork and have basic computer skills. Other duties as needed.	1		B, Q, R, S
8. Must be able to be on 24hour call out and be able to respond within 25 min. to the call or warehouse.	10		A, B, C, D, E, F, G, H, I J, K, M, N, O, P, R, S, T
	100		
A. STANDING    D. LIFTING    G. REACHING    J. KNEELING    M. BENDING    P. BALANCING    S. TALKING B. SITTING    E. CARRYING    H. HANDLING    K. CROUCHING    N. TWISTING    Q. VISION    T. FOOT CONTROLS C. WALKING    F. PUSH/PULL    I. FINE DEXTERITY    L. CRAWLING    O. CLIMBING    R. HEARING    U. OTHER: _____			

**PHYSICAL DEMANDS**

**OVERALL STRENGTH DEMANDS:**

SEDENTARY \_\_\_\_\_ LIGHT \_\_\_\_\_ MEDIUM \_\_\_\_\_ HEAVY \_\_\_\_\_ VERY HEAVY \_\_\_\_\_ X \_\_\_\_\_

For each physical demand code listed on Page 1,

C = Continuously, F = Frequently, O = Occasionally, R = Rarely

A. STANDING	<u>  C  </u>	G. REACHING	<u>  F  </u>	M. BENDING	<u>  F  </u>	S. TALKING	<u>  F  </u>
B. SITTING	<u>  O  </u>	H. HANDLING	<u>  C  </u>	N. TWISTING	<u>  F  </u>	T. FOOT CONTROLS	<u>  F  </u>
C. WALKING	<u>  C  </u>	I. FINE DEXTERITY	<u>  O  </u>	O. CLIMBING	<u>  F  </u>	U. OTHER: STAMINA	<u>  F  </u>
D. LIFTING	<u>  F  </u>	J. KNEELING	<u>  O  </u>	P. BALANCING	<u>  F  </u>		
E. CARRYING	<u>  F  </u>	K. CROUCHING	<u>  F  </u>	Q. VISION	<u>  C  </u>		
F. PUSH/PULL	<u>  F  </u>	L. CRAWLING	<u>  R  </u>	R. HEARING	<u>  C  </u>		

THIS IS A DESCRIPTION OF THE WAY THIS JOB IS CURRENTLY PERFORMED; IT DOES NOT ADDRESS THE POTENTIAL FOR ACCOMODATION.

Physical Demand	Description
Walking / Standing	Primary work position; for all job tasks except travel to and from job site; may stand for long periods in bucket; walk or stand for long periods (up to 2 hours) on concrete, asphalt, grass, dirt, gravel, and rough or uneven terrain.
Vision	Required for all job tasks; far and near vision, depth perception and color discrimination required.
Hearing/Talking	Communication required in the field for safety; auditory discrimination required to hear warnings from crew while chain saw or other equipment is operating.
Handling	Bi-manual dexterity and coordination required for all job tasks; hold and/or operate hand and power tools; electrical equipment and supplies; branches and tree limbs, and any other related construction material.
Lifting / Carrying Pushing / Pulling	Most frequent weights are electrical tool belt (35 lbs.); tree limbs and branches - varying weights but may be over 50 lbs.; ladder (35 lbs.); cross arms (85 lbs.); conductor wire (1 lb./per foot over 100 ft.) chainsaw (15+ lbs. depending on type); extendo stick (10 lbs.); transformers, poles, and other equipment over 100 lbs. are moved by truck or pulley, but often have to be positioned into place manually - crew sizes and available space for maneuvering may vary, so exertional forces are often difficult to measure, but are estimated to exceed 100 lbs. Note: lifting, pushing, and pulling are often in conjunction with extended reaching (tree limbs, electrical lines); twisting, turning & reaching.
Reaching	Overhead to cut limbs; work on lines, transformers, or other equipment; frequent reaching from bucket while twisting and balancing.
Bending / Kneeling Crouching/Crawling	To move branches from the ground into truck; pick up equipment or supplies from the ground; to cut branches or limbs on the ground with a chainsaw; cut electrical wire or work on equipment or supplies on the ground; to maneuver poles or heavy equipment into place; frequent bending over bucket for all tasks done in bucket truck.
Twisting	Twisting of wrist required for 15-20 minutes duration to lengthen fiberglass wrench stick; continued cervical twisting to cut limbs; turns head to watch lines while cutting limbs.
Sitting	To ride or drive to and from work sites.
Fine Dexterity	Manipulates small wires and connectors during hook ups and repair work.
Foot Controls	To operate various utility equipment with clutch, brake or other foot controls.
Stamina	During emergencies or power outages, may be required to work extended hours with only short breaks.
Climbing/Balancing	Into and out of the bucket - 26" to step into the bucket; 42" to the floor of the bucket; into back of truck - 36" up to 1st step; 13" to the second step and 12" to the 3rd; side steps to the truck are 17" and 11"; step into cab is 23.5"; climb wood utility poles using climbing hooks - 36 to 55 foot poles.

**PHYSICAL DEMANDS**

**JOB TITLE: Class I Lineman**

**MACHINES, TOOLS, EQUIPMENT AND WORK AIDES**

Volt, Amp, and phasing meters; chain, hydraulic, and stick saws; electric and hydraulic hand tools; extendo stick, hot fiberglass sticks, wire puller, hand lines, aluminum dollies, amp guns, fiberglass tie sticks, primary cover-ups, ropes, pulleys, climbing gear, pruning sheers, communication devices, and bucket/boom truck.

**ENVIRONMENTAL FACTORS**

Constant exposure to high voltage electrical hazards; works in outdoor weather conditions including heat, humidity, and precipitation; work environment is often noisy; truck and tools create constant vibration; exposed to insects, domestic and wild animals on occasion.

**PROTECTIVE EQUIPMENT**

Hard hat, protective gloves, proper leather work clothes, earphones, safety glasses, steel toed safety shoes.

**NON-PHYSICAL DEMANDS**

Frequency Codes: F= Frequent O= Occasionally R= Rarely

Time Pressures	<u>  O  </u>	Emergency Situations	<u>  O  </u>
Noisy/Distracting Environment	<u>  F  </u>	Tedious Exacting Work	<u>  F  </u>
Performing Multiple Tasks Simultaneously	<u>  O  </u>	Working Closely with Others as part of a Team	<u>  F  </u>
Danger/Physical Abuse	<u>  F  </u>	Irregular Schedule/Overtime	<u>  F  </u>
Frequent Change of Tasks	<u>  F  </u>	Other (Description Below:)	<u>      </u>

**JOB REQUIREMENTS:**

**FORMAL EDUCATION**

High School diploma or GED preferred.

**EXPERIENCE**

3 - 4 years as an apprentice Lineperson helper.

**OTHER REQUIREMENTS**

Must have valid Texas Operator's License and must be able to obtain Texas CDL License within 90 days of hire. A good acceptable driving record preferred.

Transformer Theory Certification; knowledge of pole framing, acceptable primary distribution construction standards, Transformer connections for various bank configurations.

**Must be able to respond to night and weekend on-call duty.**

**Must be able to respond from their residences to the Lockhart city limits or service area within twenty-five (25) minutes of notice by the City to a call out or the electric warehouse.**

**Due to safety capacity limitations of service work bucket truck, combined personal body weight, materials and tools cannot exceed 300 pounds.**

**READING**

Staking sheet; schematics of line constructions; drawings; underground instructions, policies and safety procedures, specifications, terminating instructions, and paperwork.

**WRITING**

Completes job orders; materials used; time spent reports, accident reports, materials lists, and related paperwork.

**MATH**

Uses formulas and calculate reports, to sag circuits, and to frame poles.

**REASONING:**

Assists Lineperson with problem solving during outages. Ability to maintain concentration needed to perform daily duties around energized circuits.

**SUPERVISORY:**

Assists with training helpers.

**MANAGERIAL:**

N/A

**INTERPERSONAL:**

Clear and concise communication with crew required to accomplish goals safely and effectively.

**SIGNATURES - REVIEW AND COMMENT**

I have reviewed this job analysis and its attachments and find it to be a fair description of the demands of the job.

**I have reviewed the experience and qualification requirements of the job and I feel I am qualified.**

\_\_\_\_\_  
Applicant/Employee - Print Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Supervisor- Print Name and Title

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Comments:

\_\_\_\_\_  
\_\_\_\_\_  
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