

SUPPLEMENTAL QUALIFICATIONS STATEMENT

ELECTRICIAN (SUBSTATION), WB-2810-00

NAME _____

1. ABILITY TO DO THE WORK OF AN ELECTRICIAN (SUBSTATION) WITHOUT MORE THAN NORMAL SUPERVISION: (Screen-out element) this element will be evaluated as a summary of all other elements.

Indicate length of experience you have as a journeyman level electrician (substation) _____

Do you currently possess a Commercial Drivers License (CDL)? YES ___ NO ___

2. ABILITY TO WORK WITH HIGH VOLTAGE ELECTRICAL EQUIPMENT: For each type of equipment listed in Column I below, write in Column II the letter of the statement below which best describes your ability to perform each task pertinent to that equipment: (A) Have not done. (B) Have done, with help or close supervision; have assisted a journeyman. (C) Have done, subject to limited checks, or with limited supervision. (D) Have done on my own without supervision. (E) Have supervised or instructed others. Next, specify in Column III the voltage to which you have worked on each type of equipment; and, in Column IV, give for each an example of a difficult troubleshooting task you have performed and how you resolved the problem.

I TYPE OF EQUIPMENT	II TASKS				III VOLTAGE	IV EXAMPLE OF INSTALLATION, MAINTENANCE, TROUBLESHOOTING, AND REPAIRS
	Installation	Maintenance	Troubleshoot	Repairs		
EXAMPLE: Switch gear	E	C	C	D	2400	Checked for resistance - filtered insulating oil
Transformers (Indicate Type):						
Reactors						
Compressors						
Oil Switches						
Circuit Breakers (oil, air or						
Substation - primary						

ABILITY TO WORK WITH HIGH VOLTAGE ELECTRICAL EQUIPMENT (continued):

I TYPE OF EQUIPMENT	II TASKS				III VOLTAGE	IV EXAMPLE OF INSTALLATION, MAINTENANCE, TROUBLESHOOTING, AND REPAIRS
	Installation	Maintenance	Troubleshoot	Repairs		
Air Switches						
High Voltage fuses						
Voltage Recorder						
Control Boards						
Instrument Transformers						
Potheads						
Interrupters						
Power Transformer						
Switch Gear						
Distance and ground relays						
Regulators						
Battery Chargers						
Capacitor Banks						
Coupling Capacitors						
Other (specify):						

3. KNOWLEDGE OF ELECTRICAL THEORY AND:

In the column provided at the right, list all courses you have taken in electrical or electronic theory. (You may continue on a separate piece of paper if necessary.)	Title or Description of Course	Name & Address of School	Course Length	Dates Successfully Completed

Have you completed an apprenticeship in an electrical trade? Yes___ No___

KNOWLEDGE OF TEST INSTRUMENTS AND:

For the test equipment listed at the right, place a check (√) beside each instrument you have used. (You may list additional instruments.) Then describe how you have used each instrument you have checked.	EXAMPLE: Tone Detector	√	Used for: locate faults in underground cables
	Powerfactor test set		Used for:
	Contact resistance test set		Used for:
	Insulation megger		Used for:
	Motion analyzer		Used for:
	Phase rotation meter		Used for:
	Voltmeter		Used for:
	Ammeter		Used for:
	Watt-hour meter		Used for:
	Phase angle meter		Used for:
	Megger		Used for:
	Ohmmeter		Used for:
	A C variable transformer (Varac)		Used for:
	Continuity checker		Used for:
	Dielectric oil tester		Used for:
	Infra-red camera		Used for:
	Turns ratio tester		Used for:
Ground resistance tester		Used for:	
		Used for:	
		Used for:	

3. (Continued) ABILITY TO DO ELECTRICAL POWER SYSTEM TROUBLESHOOTING:

Indicate your ability to find the trouble, determine the method of repair, adjust or replace components, and test repaired equipment.

4. ABILITY TO USE ELECTRICAL DRAWINGS, SCHEMATICS, AND DIAGRAMS:

In the column provided at the right, list any courses you have taken which included training in reading electrical blueprints.	Title or Description of Course	Name & Address of School	Course Length	Date Successfully Completed

For each type of drawing listed below, write the letter of the statement below which best describes your level of ability to use that particular type of drawing:

- (A) Can use, but would need help or close supervision
- (B) Have used to perform common and simple tasks, with limited supervision.
- (C) Have used to diagnose routine problems and perform common tasks on high voltage equipment without supervision.
- (D) Have instructed others in use on high voltage equipment.

Then give an example of how you have used each type of drawing.

Type of Drawing	Ability Level	Example of Use
Circuit diagram		
Electrical wiring diagram		
Schematics		
Sketches		
Other (list)		

5. ABILITY TO WORK SAFELY: In the spaces under Column II below, provide the information requested in Column I.

I	II
<p>Describe any safety training you have had. Indicate the length of such training and dates(s) completed.</p>	
<p>Describe the kinds of hazards or potential dangers you have had to work with.</p>	
<p>Describe any accident(s) you have had on the job. Give the date of any such accident and whether or not you were determined to be at fault.</p>	

6. ABILITY TO USE AND MAINTAIN HAND TOOLS OF THE TRADE: For tools listed below, place a check (√) beside each of those you have used. (You may list additional tools.) Then describe how you have used each tool you have checked.

EXAMPLE: insulating	√	Used for: splicing cable
hot sticks		Used for:
coffin hoists		Used for:
wire reels		Used for:
hand crimpers		Used for:
wire strippers		Used for:
bearing pullers		Used for:
hydraulic splice presses		Used for:
impact tools		Used for:
hydraulic punch set		Used for:
dollies		Used for:
hydraulic conduit benders		Used for:
feeler gauges		Used for:
timing devices		Used for:
power hacksaws		Used for:
welders: gas, electric		Used for:
list others:		Used for:
		Used for:
		Used for:
		Used for:

KNOWLEDGE OF DIFFERENT RELEVANT LINES OF WORK: Describe any experience you may have had in the following allied crafts within the power utility field.

heavy equipment operation:
concrete work:
painting:
building and grounds maintenance:
minor equipment repair:
lineman:
powerplant operator:
heavy duty mechanic:
other:

After completing this form make sure that you have answered every question. Be sure that you have given complete information about your experience. You cannot be given credit for work you do not tell us about. Please certify below where indicated.

**STATEMENTS CONCERNING QUALIFICATIONS WILL BE VERIFIED;
Exaggeration or misstatements may be cause for your disqualification or later removal from service.**

CERTIFICATION

I CERTIFY that all of the statements made in this application are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

Applicant's Signature and Date