



Patterson Pump Co

PA15 Sr. Electrician 6G

Department: Pump Test and Assembly

FLSA Status: Non-Exempt

Grade/Level: 7

Job Type: Regular

Work Schedule:

Monday - Friday Additional hours if needed.

Job Status: Full Time

Reports To: Weld Supervisor

Amount of Travel Required: None

Positions Supervised: None

POSITION SUMMARY

Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes. May install or service street lights, intercom systems, or electrical control systems.

ESSENTIAL FUNCTIONS

Reasonable Accommodations Statement

To accomplish this job successfully, an individual must be able to perform, with or without reasonable accommodation, each essential function satisfactorily. Reasonable accommodations may be made to help enable qualified individuals with disabilities to perform the essential functions.

Essential Functions Statement(s)

- Maintain current electrician's license or identification card to meet governmental regulations or possess the ability to read and interpret various commercial electrical codes.
- Ability to interpret electrical schematics provided and make alterations to meet the original intent of the schematics where obstacles exist that prevent the original electrical design intentions.
- Connect wires to circuit breakers, transformers, or other components.
- Repair or replace wiring, equipment, or fixtures, using hand tools or power tools.
- Assemble, install, test, or maintain electrical or electronic wiring, equipment, appliances, apparatus, or fixtures, using hand tools or power tools.
- Test electrical systems or continuity of circuits in electrical wiring, equipment, or fixtures, using testing devices, such as ohmmeters, voltmeters, or oscilloscopes, to ensure compatibility and safety of system.
- Use a variety of tools or equipment, such as power construction equipment, measuring devices, power tools, and testing equipment, such as oscilloscopes, ammeters, or test lamps.
- Plan layout and installation of electrical wiring, equipment, or fixtures, based on job specifications and local codes.
- Inspect electrical systems, equipment, or components to identify hazards, defects, or the need for adjustment or repair, and to ensure compliance with codes.

- Direct or train workers to install, maintain, or repair electrical wiring, equipment, or fixtures.
- Diagnose malfunctioning systems, apparatus, or components, using test equipment and hand tools to locate the cause of a breakdown and correct the problem.
- Prepare sketches or follow blueprints to determine the location of wiring or equipment and to ensure conformance to building and safety codes.
- Install ground leads and connect power cables to equipment, such as motors.
- Work from ladders, scaffolds, or roofs to install, maintain, or repair electrical wiring, equipment, or fixtures.
- Perform business management duties, such as maintaining records or files, preparing reports, or ordering supplies or equipment.
- Fasten small metal or plastic boxes to walls to house electrical switches or outlets.
- Place conduit, pipes, or tubing, inside designated partitions, walls, or other concealed areas, and pull insulated wires or cables through the conduit to complete circuits between boxes.
- Advise management on whether continued operation of equipment could be hazardous.
- Construct and fabricate parts, using hand tools and specifications.
- Perform physically demanding tasks, such as digging trenches to lay conduit or moving or lifting heavy objects.
- Provide assistance during emergencies by operating floodlights or generators, placing flares, or driving needed vehicles.
- Provide preliminary sketches or cost estimates for materials or services.
- Comply with established safety policies and procedures. Wear required Personal Protective Equipment as directed. Use appropriate tools designed for their specific job tasks. Provide feedback related to hazard assessments and/or accident investigations.
- Act in accordance with Patterson's Company policies (ex. Harassment, Equal Employment Opportunity, Ethics, etc.).
- Regular attendance at work is an essential function of the job.

POSITION QUALIFICATIONS

Competency Statement(s)

- Safety Awareness - Ability to identify and correct conditions that affect employee safety.
- Risk Taker - Ability to take calculated risks or to stretch the limits of comfort zones.
- Problem Solving - Ability to find a solution for or to deal proactively with work-related problems.
- Organized - Possessing the trait of being organized or following a systematic method of performing a task.
- Judgment - The ability to formulate a sound decision using the available information.
- Detail Oriented - Ability to pay attention to the minute details of a project or task.
- Decision Making - Ability to make critical decisions while following company procedures.
- Conflict Resolution - Ability to deal with others in an antagonistic situation.
- Accuracy - Ability to perform work accurately and thoroughly.

SKILLS & ABILITIES

Education: Associate degree (two year college or technical school) Required, Field of Study: Electrical Systems

Experience: 1 plus year of experience in electrical

Computer Skills:

Certifications & Licenses:

Other Requirements: Be available to work overtime as required.
Perform all other duties as required by supervision.

PHYSICAL DEMANDS

N (Not Applicable) Activity is not applicable to this position.
O (Occasionally) Position requires this activity up to 33% of the time (0 - 2.5+ hrs/day)
F (Frequently) Position requires this activity from 33% - 66% of the time (2.5 - 5.5+ hrs/day)
C (Constantly) Position requires this activity more than 66% of the time (5.5+ hrs/day)

Physical Demands

		Lift/Carry	
Stand	C	10 lbs. or less	F
Walk	F	11-20 lbs.	F
Sit	O	21-50 lbs.	O
Manually Manipulate	F	51-100 lbs.	N
Reach Outward	F	Over 100 lbs.	N
Reach Above Shoulder	O		
Climb	F		
Crawl	O	Push / Pull	
Squat or Kneel	O	12 lbs. or less	F
Bend	F	13-25 lbs.	F
Grasp	C	26-40 lbs.	F
Speak	O	41-100 lbs.	O

Other Physical Requirements

- Vision (Near, Distance, Color, Peripheral, Depth)
- Sense of Sound - Normal
- Sense of Touch

- Ability to wear Personal Protective Equipment (PPE) - Safety shoes, hearing protection, eye protection, face shield, gloves

WORK ENVIRONMENT

Production shop floor environment. Cold in winter and hot in summer.

The company has reviewed this job description to ensure that essential functions and basic duties have been included. It is intended to provide guidelines for job expectations and the employee's ability to perform the position described. It is not intended to be construed as an exhaustive list of all functions, responsibilities, skills and abilities. Additional functions and requirements may be assigned by supervisors as deemed appropriate. This document does not represent a contract of employment, and the company reserves the right to change this job description and/or assign tasks for the employee to perform, as the company may deem appropriate.