



ELECTRICAL TECHNICIAN

DIVISION:		JOB CODE:	6044
LOCATION:	Sanborn	JOB FUNCTION:	Maintenance
DEPARTMENT:	Maintenance	FLSA STATUS:	Nonexempt
REPORTS TO:	Maintenance Mgr.	EFFECTIVE DATE:	03/09/26

JOB SUMMARY

Build and test electrical systems to specification based on schematics, including point-to-point wiring. Install industrial plant equipment and perform required maintenance activities to ensure optimal functionality. Safely advance departmental assembly efficiency and productivity. Assist Maintenance Technicians with routine preventive maintenance tasks, facility upkeep and housekeeping, and mechanical equipment troubleshooting and repair.

QUALIFICATIONS

Education/Experience

High School Diploma or General Education Development (GED) / Test Assessing Secondary Completion (TASC), plus three (3) years of experience building and troubleshooting electrical projects in an industrial environment preferred.

Knowledge/Skills/Abilities

Electrical/Technical Skills. Ability to read and understand wiring schematics, blueprints, sketches, written specifications, and drawings to determine design factors such as size, shape, position, tolerances, orientation, and dimensions. Advanced understanding of electricity and electrical circuits, switches, sensors, actuators, electrical schematics, electromechanical devices, motors, safety potential, grounding, and electrical control systems. Basic understanding of hydraulic automation troubleshooting. Ability to use a variety of hand and machine operated tools with precision and dexterity. Ability to handle materials manually or with hoist, slings, fork truck, etc. Ability to obtain and maintain industrial equipment (e.g., forklift, scissor lift) certification(s).

Core People Skills. Ability to positively interact and work collaboratively with a diverse group of people at all levels of the organization. Genuine with high ethical standards, values, personal integrity, and honesty. Ability to apply a large measure of common sense to a variety of situations.

Communication Skills. Ability to speak clearly and persuasively in a positive or negative situation, listen and obtain clarification and perspective, and respond well to questions and inquiries. Proficient in asking concise questions to obtain sufficient information and instruction needed to perform assigned tasks.

Computer/Applications Skills. Proficient MS Office computer skills, including Word, Excel, PowerPoint and Sharepoint. Ability to learn and utilize a variety of software applications systems.

Core Business Skills. Ability to exercise sound judgement and discretion in handling of proprietary and confidential information. Ability to work independently, without significant direction and to use resources effectively to “figure it out”. Strong critical thinking skills, judgment and keen attention to detail and accuracy. Exceptional prioritization, time management and organization skills. Ability to adjust quickly and appropriately to changing demands and needs in a high-paced environment.

Professional Investment. Demonstrated commitment to own personal professional development and learning.



ESSENTIAL FUNCTIONS/RESPONSIBILITIES

1. Accurately read and interpret drawings, blueprints, electrical schematics, wiring diagrams, bills of material, and apply written and verbal instructions.
2. Completing point-to-point wiring and installing a wide variety of electronic and electro-mechanical components.
3. Performing necessary hand operations such as deburring, drilling, grinding, sawing, and cutting, bending, threading, and fabricating piping.
4. Installing, testing, and troubleshooting electrical components and completed assemblies and systems.
5. Precisely measure assemblies and promptly notify supervisor(s) when dimensions or tolerances seem inconsistent or unworkable.
6. Assist maintenance technicians with efficiently organizing and laying out pipelines, fittings, and equipment in a cohesive piping system, including:
 - a) Running pneumatic lines, and installing valves and regulators.
 - b) Running hydraulic lines, and installing rams and pumps.
7. Precisely follow standard operating procedure and safety protocols.
8. Safely operate fork trucks, overhead cranes, electric pallet jacks and other industrial vehicles for which training has been completed and qualification achieved and maintained.
9. Conscientiously monitor and maintain safety requirements in the work area throughout each shift, by ensuring:
 - a) Tools and equipment are operated as instructed and only as intended by the manufacturer.
 - b) Tools and other items are safely and properly stored.
 - c) Work areas are kept clean and organized.
 - d) Waste materials are removed, as needed.
10. Maintain accurate and complete records, as needed, for the department, including but not limited to paperwork and computer transactions.
11. Assist Maintenance Technicians with routine preventive maintenance tasks, facility upkeep and housekeeping, and mechanical maintenance and repair functions, as needed.
12. Promote positive team member and customer relations by supporting Pyrotek's commitment to a working environment of tolerance, acceptance, and civility. Respond appropriately to inquiries, concerns and complaints by being professional, courteous and respectful.
13. Maintain regular, consistent, reliable, punctual, and predictable attendance, as required to achieve internal and external customer satisfaction.
14. Actively and positively participate in problem resolution, demonstrating constructive communication, timely response and effective resolution skills. Work effectively within team environments both within your department and across the organization.
15. Cooperate and comply fully with all Pyrotek policies and procedures. Actively support and follow the Pyrotek Safety Program.
16. Actively support compliance with all relevant ISO management system standards by establishing, implementing, maintaining, and/or controlling processes and planned changes to identify and manage environmental aspects, impacts, risks, opportunities, and compliance to achieve continual improvement and prevent adverse effects and emergencies. Ensure outsourced processes' and providers' environmental aspects are controlled or influenced.



- 17. Participate in company/department meetings, training activities, continuing education programs and other associated activities.
- 18. Consistently promote and communicate Pyrotek’s core values through work performance and excellent customer service.
- 19. Perform other tasks as assigned.

PHYSICAL/SENSORY REQUIREMENTS

The following physical activities described here are representative of those required by a team member to perform the essential functions of this position. Reasonable accommodation, if feasible, will be made to enable individuals with disabilities to perform the functions of position.

Must be able to stand, walk, sit, frequently. Frequent use of arms, hands and fingers to handle or feel, reach and lift. Must be able to communicate effectively in English. Occasionally required to climb stairs, lift and/or move items up to 50 pounds. Specific vision abilities required by this job include frequent close and distance vision, color vision, peripheral vision, depth perception and ability to adjust focus.

WORKING ENVIRONMENT

Generally, work on a shop floor and manufacturing environment. Regularly exposed to moving mechanical parts such as overhead cranes, vibration, and moving vehicles, fumes or airborne particles; and occasionally exposed to toxic or caustic chemicals. The noise level in the work environment and job sites can be loud. Personal Protective Equipment (PPE) such as approved footwear, safety glasses/goggles, gloves, hearing protection, a respirator required.

Team Member’s Signature

Date