



780 Washington Street
Quincy, MA 02169

Electrician

To apply please send resume to careers@trtlp.com

Summary – Install, maintain, or repair electrical wiring, equipment, or fixtures. Ensure compliance with applicable electrical codes. Work and assist on projects around the plant and work with Engineering, Maintenance, Refinery and Boiler Room to ensure 24-7 operations.

Duties and Responsibilities

- Install, maintain, modify and repair all electrical distribution systems and associated electrical equipment.
- Perform preventive maintenance.
- Document electrical performance and estimate electrical work.
- Responsible for job site and equipment care.
- Oversee outside electrical contractors doing work.
- Inspect and test components of electrical systems, including transformers, transfer switches and switch gears.
- Utilize blueprints, wiring diagrams and manufactures installation manuals to complete assigned projects.
- Estimates loads, requirements and materials for repairs and installations.
- Survey electrical systems, circuits and plans.
- Utilize software to oversee and maintain electrical monitoring equipment.
- Modify a basic logic diagram i.e. know how to find logics and understand how to troubleshoot them
- Troubleshoot and with additional training repair DCS system problems i.e. ability to restart Honeywell Experion Stations; detail a point and locate which FTA a point goes
- Troubleshoot and repair Honeywell ControlEdge And Allen-Bradley PLC system problems i.e. ability to clear rack faults , remove and install I/O cards, identify a faulty card/blown output fuses, troubleshoot a ladder logic, program a ladder logic, change descriptors, edit a rung and add a bridge, force a bit, toggle a bit, identify a PLC address
- Import and export a PLC database.
- Upload a project to a PLC.
- Obtain a good working knowledge of unit operations; all the systems in the refinery and their purpose, BOHO, Steam Turbine Generator, wastewater, logistics, extensive involvement in maintaining operations of the CHP extensive involvement in maintaining operations of the CE and B&W burner operations.
- Perform other duties as assigned.

Qualifications and Requirements:

- MA Journeyman Electrical License
- 2+ years related work experience
- Commercial building experience

Special Skills

- Ability to read Blueprints
- Technology Skills: Office suite software – Microsoft Office, Spreadsheet software – Excel, ERP software- SAP

Competencies

- Decision Making: Ability to make decisions that are guided by general instructions and practices requiring some interpretation. May make recommendations for solving problems of complexity and importance.
- Trouble shooting: Determining causes of operating errors and deciding what to do about it.
- Problem Solving: Ability to address problems that are varied, requiring analysis or interpretation of the situation using direct observation, knowledge and skills based on general precedents.
- Independence of Action: Ability to follow precedents and procedures. May set priorities and organize work within guidelines. Seeks assistance when confronted with difficult and/or unpredictable situations.
- Written Communication: Ability to summarize and communicate in English moderately complex information in varied written formats to internal and external customers.
- Oral Communication: Ability to comprehend and communicate complex verbal information in English to external and internal staff.
- Knowledge: Ability to demonstrate in-depth knowledge of concepts, practices and polies with the ability to use them in complex varied situations.
- Teamwork: Ability to work collaboratively in small teams to improve the operations of immediate work group by offering ideas, identifying issues and respecting team members. Share knowledge to team members.
- Customer Service: Ability to provide a high level of customer service to internal and external customers. Service oriented, respectful manner using skills in active listening and problem solving. Ability to remain calm in stressful situations.
- Learning: Desire and ability to continually learn and apply new skills.
- Ability to handle multiple projects at one time.
- Strong organizational skills

Physical Demands & Requirements:

- Must be able to work in confined spaces
- Must be able to stand, sit, lift, walk, climb stairs, ladders, towers and bend for activities.
- Must be able to lift boxes and equipment weighing up to 50 pounds.

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

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