



Job Posting

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| Position Title: IC&E Technician | Facility: Tiverton Power |
| Department: Maintenance | Location: Tiverton, RI |
| Reports to: Maintenance Manager | Date: 10/13/2022 |

Position Summary

The Instrumentation, Controls & Electrical (IC&E) Technician is accountable for performing maintenance on all plant electronic equipment, all instrumentation and controls and related equipment. This includes completing all job assignments which range from major to minor repairs on all electrical equipment.

The IC&E Technician is accountable to Maintenance Manager and operates within the context and prescribed limits established by Plant Management.

Position Specific Accountabilities

Major accountabilities that are specific to this position:

1. Provide input to the Maintenance Manager plans and directions, and ensure on-going appropriate relationships with other positions.
2. Ensure the delivery of optimal results against appropriate performance metrics. Develop and execute preventative maintenance programs on all IC&E equipment to improve the reliability of the plant.
3. Diagnose malfunctions and implements repair strategies on plant wide electrical system and electronic instrument and control systems.
4. Performs preventative, predictive and corrective maintenance on power plant electrical, instruments and control systems including MKVie and DCS system hardware and software.
5. Perform a variety of maintenance, calibration and electronic testing functions.
6. Documents control and wiring change and redlines plant drawings as needed. Conforms with Tiverton's Management of Change program.
7. Assist the Maintenance Manager during all scheduled and unscheduled outage periods and breakdowns as required. Interfaces with contractors and vendors to procure parts/services and implement contract work scopes.
8. Operates plant equipment as required (trucks, cranes, forklift, scissor and aerial lifts).

9. Understands and Complies to all Company Environmental, Health and Safety Policies.
10. Interfaces with Computerized Maintenance Management System (CMMS) used to track maintenance activities, inventory tracking and equipment history.
11. Reads meters, gauges, or automatic devices to record data such as temperature of equipment, vibration of equipment, hours of operation, pressure, and fluid levels, water chemistry to verify operating conditions.
12. Diagnoses cause of mechanical, electrical and operational malfunction or failure of equipment. Diagnoses electrical, IC&E, electronic and electrical systems problems
13. Serves as a technical resource for personnel with regard to electrical, IC&E, electronic and electrical systems operation and maintenance.
14. Conducts electrical, IC&E, electronic and electrical systems inspections and test as required to ensure plant is operating within specified parameters.
15. Responds to all electrical, IC&E, electronic and electrical systems alarms and malfunctions as directed. Coordinates with the lead Operator to identify and initiate appropriate corrective actions
16. Analyzes trends and operating parameters on all electrical, IC&E, electronic and electrical systems to identify potential or impending failures and to ensure the plant's running at optimal efficiency. Coordinates with the lead Operator to identify and initiate appropriated corrective actions.
17. Repairs, maintains and installs electrical, IC&E, electronic and electrical systems and rearranges and modifies as directed
18. Develops and follows predictive, preventative and corrective maintenance procedures and schedules.
19. Research, procure and order parts and materials as required.
20. Maintains a safe working environment to include good housekeeping practices of work areas and shop areas.
21. Maintains electrical, IC&E, electronic and electrical systems test equipment and shop areas.
22. Performs daily calibration function to Continuous Emissions Monitoring Systems (CEMS) and respond to all problems with associated equipment.
23. Repairs, replaces, dismantles and examines defective parts along with lubricating and cleaning parts.
24. Participates in and contributes to plant safety meetings and programs. Presents various safety training topics as assigned. Brings ideas for safety improvements forward. Documents all safety findings appropriately (near miss reporting, safety work orders, incident investigation participation, and safety improvement plan). Stops work and takes corrective action if an unsafe act is witnessed and escalates to management as appropriate. Enforces site safety rules and practices.
25. Adheres to the requirements of Process Safety Management and the Risk Management Program
26. Hires and Supervises contractors when designated by the Maintenance Manager.
27. Perform other duties as required.

Position Specific Requirements:

Skilled Knowledge:

- 5+ years experience in electrical/electronic maintenance and /or instrumentation controls maintenance
- High School diploma or equivalent
- 2+ years at a power plant or industrial plant experience
- Maintain Master Electrician's license
- Maintain First Aid & CPR Certification

Technical Skills:

- Experience with electrical test equipment and procedures and with electronic instrumentation
- Interpret blue prints, P&ID's, Logic Diagrams, etc.
- Excellent Math Skills
- Proficient in other computer technology and use of various computer based tools (Word, Excel, PI, RedTag, time keeping, computer based training and others as needs and technology changes over time.
- Experience with high voltage equipment controls
- Read and utilize precision measurement equipment
- Must be proficient in Computerized Maintenance Management System (CMMS)
- Certified Forklift Operator

Social Process Skills:

- Ability to communicate effectively
- Detail Oriented
- Team player

Application:

- Good Vision
- Physically Fit and Alert
- Frequent standing, walking using hands and fingers to operate tools and controls
- Must be able to pass a respirator clearance exam and respirator fit test for participation in respiratory protection program
- Must be willing to travel for required company business.
- Work in confined spaces
- Work Above Grade
- Occasional Lifting up to 75lbs.
- Available 24 hours/day for emergent work call-ins.
- Available to work required overtime during times of need (examples include outages, critical equipment repair, etc.)
- Working in extreme temperature/climate conditions

Qualified candidates should send their resume to careers@cogentrix.com.
