

Job Description: Associate Technicians – Electrical (Heating Industry)

Position Overview

The **Associate Technician – Electrical** will support the assembly, testing, and maintenance of electrical components and systems in heating products. This role involves hands-on work with **electrical installations, troubleshooting, and ensuring compliance with safety standards**. The ideal candidate should have a **Diploma in Electrical Engineering** with **at least 2 years of experience** in electrical system maintenance and troubleshooting in an industrial or manufacturing setting.

Roles & Responsibilities

Electrical Assembly & Testing

1. Assist in the **assembly and installation** of electrical components and systems in heating products.
2. Perform electrical testing on components, including **circuit boards, sensors, power systems**, and other electrical systems.
3. Ensure all electrical systems and components are working correctly before product release.
4. Conduct **routine inspections** of electrical parts to identify and resolve issues.

Troubleshooting & Repairs

5. Troubleshoot electrical faults in heating products, including **wiring issues, component failures, and electrical connections**.
6. Repair or replace defective electrical components and ensure they meet safety and performance standards.
7. Identify recurring electrical problems and assist in recommending design improvements or modifications.

Maintenance Support

8. Perform **preventive and corrective maintenance** on electrical equipment and systems used in production.
9. Maintain and calibrate **electrical testing and measuring equipment**.
10. Ensure electrical safety by following all maintenance and repair procedures and maintaining proper documentation.

Quality Control & Compliance

11. Ensure that all electrical installations and systems comply with **industry standards and safety regulations** (IEC, BIS, IS).
12. Assist in preparing products for **certification testing** and ensure compliance with relevant electrical safety standards.

13. Monitor and report **electrical safety concerns** to senior engineers and contribute to improving safety practices.

Documentation & Reporting

14. Maintain accurate **maintenance logs** and **testing records** to document electrical work completed.
15. Assist in preparing **technical documentation** such as circuit diagrams, assembly instructions, and troubleshooting guides.
16. Report issues or defects in electrical components to the senior technician or electrical engineer.

Team Collaboration & Safety

17. Work closely with **mechanical, manufacturing, and quality control teams** to ensure seamless integration of electrical systems in heating products.
18. Follow **safety protocols** and participate in safety training programs.
19. Ensure a clean and safe working environment, adhering to safety and environmental guidelines.

Educational Qualifications & Experience

- **Diploma in Electrical Engineering** (Mandatory)
- **Minimum 2 years** of experience in **electrical system installation, maintenance, and troubleshooting**

Key Skills Required

- ✓ Strong understanding of **electrical circuits, wiring, and power distribution systems**
 - ✓ Proficiency in using **electrical testing and measuring instruments** (multimeters, oscilloscopes, etc.)
 - ✓ Experience in **troubleshooting electrical systems and components**
 - ✓ Good knowledge of **safety standards and electrical compliance regulations**
 - ✓ Ability to **read electrical schematics, circuit diagrams**, and technical documents
 - ✓ Familiarity with **electrical installation, maintenance, and repair** in a manufacturing environment
 - ✓ Good problem-solving skills and **attention to detail**
 - ✓ Ability to work effectively in a **team environment**
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How to Apply:

Interested candidates can submit their updated resume to career@asvrl.com