



ENGINEERING TECHNICIAN

JOB DESCRIPTION

POSITION OVERVIEW:

This position is an entry level position within the Engineering Department located in the Stoughton, WI office. This position requires an associate degree in electrical related field or equivalent experience. This position will support new product development and sustaining activities as needed. To be successful in this role you must be an active and engaged team member modeling exceptional service and being solution and results oriented.

COMPETENCIES (REQUIRED EDUCATION, TRAINING, SKILLS, AND/OR EXPERIENCE):

1. Education: Associate's degree in Electrical Engineering Technology, Mechanical Engineering Technology, Mechatronics, Manufacturing Technology, or equivalent experience.
2. Electrical
 - Electrical troubleshooting, testing, and analysis
 - Prototype PCB assembly and debugging
 - Electrical measurements using oscilloscopes, DMMs, power analyzers, and data acquisition equipment
 - Soldering and rework of electronic assemblies
 - Basic understanding of analog and digital circuits
 - Wiring and cable assembly
3. Mechanical
 - Mechanical assembly of prototypes
 - Reading engineering drawings and CAD models
 - Basic machining and fabrication techniques
 - Use of hand tools and shop equipment
 - Fixture and test equipment assembly
 - Mechanical measurements using calipers, micrometers, torque tools, etc.
4. General
 - Prototype development
 - Product validation testing
 - Data collection and documentation
 - Root cause troubleshooting
 - Microsoft Office
 - Basic CAD familiarity (SolidWorks preferred)
 - Strong organizational and communication skills



PRIMARY RESPONSIBILITIES (FUNCTIONS, JOB DUTIES, TASKS, ETC.):

- Assist electrical and mechanical engineers in the development and improvement of new and existing products.
- Build, assemble, modify, and troubleshoot electrical and mechanical prototypes.
- Support engineering validation testing, including:
 - Environmental testing
 - Electrical performance testing
 - Mechanical evaluation
 - Reliability testing
 - Product qualification testing.
- Construct, maintain, and improve engineering test fixtures and laboratory equipment.
- Collect, document, and summarize engineering test results, including preparation of test reports.
- Assist with laboratory setup, calibration, maintenance, and organization of engineering equipment.
- Support manufacturing by assisting with troubleshooting, process improvements, prototype builds, and pilot production activities.
- Create and maintain engineering documentation
 - Test procedures
 - Work instructions
 - Assembly documentation
 - Bills of Materials
 - Engineering records.
- Assist in component evaluation, qualification, and engineering sample builds.
- Support customer, supplier, and third-party laboratory testing activities as needed.
- Provide technical support for product demonstrations, trade shows, and customer visits when required.
- All other duties as assigned.

ORGANIZATIONAL RELATIONSHIPS (PRIMARY CONTACTS/INTERFACES):

- Reports to Engineering Manager.
- Regular contact with all of Dairyland team.

PHYSICAL DEMANDS:

- Location: Stoughton, WI with occasional travel to production facility in Pound, WI.
- Occasional travel out-of-state for testing or trade shows may be required. (approx. 5-10%).
- Must be able to occasionally lift or move up to 70 pounds.

APPLICANTS INTERESTED IN THIS POSITION:

Contact Tony Samimi | TonyS@Dairyland.com | Reference job number D26_ENGTech1



COMPANY OVERVIEW:

Dairyland Electrical Industries is the world's leading manufacturer of solid-state decoupling products used to isolate cathodically protected structures from grounding systems or other equipment, while simultaneously providing safety grounding for AC fault current and lightning. Our rugged product design, reliable technical support, and exceptional customer service have been trusted by clients throughout the world.

At Dairyland, it's not just about selling great products. We are compelled to Live Engaged – to live intentionally, generously, and compassionately as we pursue our purpose and attend to the needs of others. Together, we want to be a thriving network for good, transforming ourselves and our world.

OUR CENTRAL TRIAD

MISSION

We are the definitive source of specialized electrical solutions, readily sharing our expertise with industry while investing resources to advance global relief and development.

VISION

We Live Engaged to Make a Safer World

VALUES

We believe people have inherent value.

Invest in the Person | Give Generously | Serve with Excellence | Seek Solutions

CORE COMPETENCIES:

We believe that living our values is a daily opportunity and expectation regardless of one's position or tenure in the company. While specific positions will require unique competencies and responsibilities, we call all members of our team to the following shared competencies:

- Behavioral integration of the core values
 - Invests in self and others, gives generously of the resources available, serves excellently, and proposes/works toward lasting solutions all while elevating the value and dignity of fellow human beings
- Commitment to living engaged through unique contributions, interests, skill set, and sphere of influence
- Exceptional customer service skills, whether the customer is internal or external
- Excellent communication skills (verbal, written)
- Excellent interpersonal skills (empathy, active listening, collaboration, conflict management, emotional intelligence) and operation as a team player
- Proven aptitude to learn
- Demonstrated commitment to grow personally and professionally
- Proven ability to organize and prioritize work while maintaining strong attention to detail
- Sound judgment: proven problem solving and analytical skills
- Proficiency using Microsoft Office (Excel, Word, Outlook)