



# DAIRYLAND

ELECTRICAL INDUSTRIES

## SENIOR ELECTRICAL DESIGN ENGINEER

Stoughton, Wisconsin



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The QTI Group | 702 East Washington Avenue | Madison, WI 53703 | (608)232-2650 | [www.qtigroup.com](http://www.qtigroup.com)

## The Organization

Dairyland Electrical Industries, Inc. is the energy industry's leading manufacturer and resource for solid-state isolation and grounding products used in the corrosion prevention industry. We specialize in applications related to over-voltage protection, safety, grounding and isolation. We distinguish ourselves through reliable and innovative products, providing exceptional technical support, customer service and product quality that have been trusted for over 30 years. We are seeking talented and energetic engineers that enjoy providing solutions that exceed customer expectations.

Dairyland is a values-driven company with an emphasis on balancing work and life. We value our employees and their families and hope to enrich their professional and personal lives during their employment at Dairyland. As an employee of Dairyland you can expect to be treated with professional and personal respect while enjoying the opportunity to help shape the future for an industry-leading manufacturer.

Dairyland offers its employees the opportunity to wear many hats and make a significant contribution to the success of the company each day. Dairyland also offers company sponsored community service events and family oriented company gatherings. A generous company funded retirement program, health benefits and competitive compensation with bonus structure are also provided.

For more information on Dairyland, please visit [www.dairyland.com](http://www.dairyland.com).



## The Opportunity

Dairyland Electrical Industries, Inc. is looking for a **Senior Electrical Design Engineer** with experience in power electronics to work in their Stoughton, WI location. You will be challenged in this role as you lead the development of new products, refine existing products and provide technical support to existing and potential customers.

If you meet the education and experience qualifications and are seeking a challenging career with a company that prides itself in rewarding strong performance and providing opportunity for professional growth in a dynamic and stable industry, you will want to investigate this opportunity further.

## Essential Job Duties and Responsibilities

Engineering is critical to our success. You will have diverse experiences with everything that touches Engineering. In this position you will enjoy regular interaction with engineering team members, company peers, and customers. You will be actively involved in engineering projects that include design, analysis and testing of solid state power electronics and analog and digital control circuits for products used in the oil & gas and power utility industries. You will also be instrumental in creating and maintaining technical documentation for internal and external use, including product assembly manuals, application documentation, accessories and mounting. Additionally, you could find yourself providing digital content to Marketing and developing shop tooling and testing devices in support of manufacturing.

## Additional Exposure

Aside from the aforementioned duties, this candidate will have exposure to a variety of additional design disciplines. Working for a small company such as Dairyland will diversify your skillset by allowing you to participate in a number of new tasks. This candidate will be afforded the opportunity to work with some of the following:

- Design of inductors, transformers and capacitors
- Printed circuit board design
- Analog and digital logic design
- Semiconductor power and heat transfer calculations
- Microprocessor programming
- Switching power supply design
- Pulse width modulation design
- DC to AC inverter design
- Feedback control analysis and design

## Experience, Attributes, and Education

A qualified candidate will have a Bachelor's or Master's degree in electrical engineering and have a minimum of 5 years' work experience in power electronics and printed circuit board design. A qualified candidate will have exceptional technical aptitude and outstanding skills in customer service, oral and written communication and team dynamics.

## Position Location

Dairyland Electrical Industries is located in Stoughton, Wisconsin, a city of approximately 12,000, just south of the state capital of Madison. Madison has frequently been chosen as one of the top national locations to live (<http://www.businessinsider.com/why-madison-wisconsin-is-the-best-place-to-live-2014-9>) with a multitude of cultural events, outdoor activities, restaurants, and services.

Stoughton is nestled along the Yahara River, with a vibrant downtown business area surrounded by historic neighborhoods. Stoughton is also the headquarters of a number of national and international businesses. Proud of its Norwegian history, the city sponsors the Syttende Mai festival each May – the largest outside of Norway. Residents enjoy a high quality of life in this affordable and thriving community.

Dairyland staff enjoy a custom-built modern office building with spacious office and meeting spaces that is further undergoing additional renovations to add workspace, an exercise room, outdoor patio, and an expanded full kitchen. Located in a large wooded parcel on the city river trail system, hiking and biking takes place directly from our property. Our unique work environment is a calming change from typical employment.



To learn more about Stoughton:

[www.stoughtonwi.com](http://www.stoughtonwi.com)

[www.ci.stoughton.wi.us](http://www.ci.stoughton.wi.us)

## Application and Selection Process

Dairyland Electrical Industries has retained **The QTI Group** to conduct the search for its Senior Electrical Design Engineer. The QTI Group is a comprehensive human resources advisory services firm founded in 1957. QTI is headquartered in Madison, Wisconsin and has nine branch offices.

Qualified individuals interested in being considered for the position are invited to apply by visiting:

<http://tinyurl.com/SrElectricalDesignEngineer>.