Product Reliability Engineering at McMillan Electric Company is a strategic and highly valued discipline that ensures quality delivery of our products. Reporting directly to the Vice President of Quality, you will be responsible for providing key technical expertise and organizational leadership for understanding, diagnosing, and improving electric motors to exceed the requirements and expectations of our customers.

This is a Product Reliability Manager role that provides an exciting opportunity to be instrumental in developing life tests that simulate the environment and application conditions that our motors incur. Using engineering standards, technical principals, theories, concepts and general knowledge, you will be responsible for collaborating across teams to define product reliability strategy and processes. Through team building, coaching, mentoring, and leadership, your role will take lead position in validating motor designs that increase motor life and enhance our ability to delight our stakeholders.

**Our Organization**

Established in 1976, McMillan Electric Company is a privately held, high volume manufacturer of electric motors and generator part sets. Strategically located 40 miles from the Twin Cities of Minneapolis and St. Paul in Woodville, Wisconsin, we partner with OEM customers to provide custom solutions for use in air moving, pump, compressor, HVAC, fitness, and auxiliary power unit industries.

We believe strongly in four core values for all of our employees: Integrity, Excellence, Positive Attitudes and the ability to be a Doer. With these common core values, we have embraced a foundation that has provided the ability for accelerating and advancing innovation and production efficiencies. It is what makes this a rewarding place to be. If you share these values, we welcome you to join our team!!!

In your cover letter, please describe why you are interested in working at McMillan Electric Company and what draws you to this role in particular. Specifics of past experiences that are relevant to this role should be included.

**In this role, you can expect to:**

* Perform systematic reliability analysis against features, requirements, and designs through appropriate application of reliability engineering techniques (e.g. fault tree analysis, failure trending and analysis, reliability forecasting, etc.) to understand product and process strength.
* Coach and support quality and engineering teams to enable testing across a range of requirements.
* Drive prioritization and establish strategies for developing accelerated stress tests focused on customer applications.
* Advance a technical engineering culture to product reliability engineering with a goal of eliminating product warranty claims.

**You may be a good fit for our team if you have:**

* Managed or supported engineers on large or small teams.
* A Bachelor's degree in engineering, science or technical discipline plus 5+ years of engineering or quality experience.
* A Certified Reliability Engineer (CRE), or equivalent certification.
* A passion for analyzing, identifying, and solving design limitations and weaknesses.
* Proficiency with data analysis using reliability tools and statistical techniques.
* Demonstrated critical thinking skills with focus on improved system performance outcomes and positive business impact.
* Demonstrated ability to leverage data and apply knowledge to drive process and product improvement.

At McMillan Electric Company, we are committed to hiring and cultivating a diverse team. If you are uncertain about whether you meet our requirements, please apply anyway!