



Asset Management Analysis Group, LLC
131 Silver Bluff Rd., Aiken, SC 29803
Office 803-502-0270

Senior Electrical Development Engineer

*****This position is a direct hire placement in Greenville, SC*****

JOB DESCRIPTION:

- Experienced person with potential to assume future leadership roles.
- Electrical design of AC induction motors (200 through 15000 HP) for new products for industrial applications per project definitions, industry specification, or customer specifications.
- Provide support to the Customer Order Engineering groups at the Kings Mountain and Stratford facilities.
- Supporting Marketing and Sales with technical quotations and problem solving, generate proposals and performance data.
- Insure product designs are cost effective and meet requirements and performance objectives through specification review and the practical application of engineering principles, design procedures and industry standards.
- Perform product development and product cost reductions with innovations in design and manufacturing processes to extend product capabilities, enhance competitiveness and provide growth opportunities for our business.
- Develop databases, design guidelines, calculations methods, and productivity enhancing tools for use by Customer Order Engineering.
- Test and evaluate prototypes, and/or variations in design, materials, and manufacturing methods.
- Support of manufacturing processes as required, become familiar with Lean design and manufacturing principles.
- Interface with Marketing, Sales and Customers and become familiar with market trends and customer needs.
- Mentor junior engineers and assist in guiding their efforts.

EDUCATION:

BSEE degree preferred

SKILL REQUIREMENTS:

- A minimum of five years of AC induction motor design experience, random wound and form wound systems.
- Design of AC motors applied on variable frequency drives.
- Experience with motor test methodology, IEEE test standards, and evaluation of test results.
- Experienced with manufacturing methods of medium voltage motor windings.
- Strong team skills.
- Strong communication skills to work with Sales, Marketing and Customers and Manufacturing.

Additional Skills:

- Visual Basic programming is a plus.
- Experience with SAP is a plus.

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