POSITION TITLE: Electrical Engineer

POSITION LOCATION: Minden, NV

POSITION DESCRIPTION:

Baker Hughes, a General Electric company, is the world’s first and only full stream provider of integrated oilfield products, services and digital solutions. Drawing on a storied heritage of invention, BHGE harnesses the passion and experience of its people to enhance productivity across the oil and gas value chain.

BHGE is seeking an Electrical Engineer to work in new product development and existing product sustaining/support. In this role you will develop robust automated test solutions, leveraging existing technologies, promoting standardization, and reliability/process efficiency. Duties include, but are not limited to:

- Develop tests for new products, document process changes, drive process and fixture improvements, drive lead and cycle time improvements, improve cost of quality, and engage in Health & Safety actions
- Implement circuit card designs that interface to firmware, hardware and software
- Engage in a fast-paced manufacturing environment with a wide variety of diverse types of projects some spanning years and others just a few weeks
- Have the opportunity to learn mechanical CAD software, Visual Basic, NI Labview/TestStand, and firmware coding
- Support a national Prototyping Center by reviewing new product introduction designs for Manufacturability and Testability
- Develop and implement process improvements to reduce cost and cycles
- Design necessary fixtures and tooling for new products
- Assure that all engineering designs and technical data are complete and accurately documented to provide an accurate technical/historical base for future reference and to meet customer and end user requirements
- Manage multiple projects by providing scheduling, resource management, budget control and safety compliance
- Define investment and expense needs, driving from preparing for approvals to completion
- Participate in LEAN initiative, and engage Six Sigma tools for process improvements
- Bring innovative ideas and positive support to current processes
- Implement productivity actions to improve the process and respect objectives
- Lead and effectively interface with manufacturing, sales, marketing, and other support teams to complete projects to meet: safety, production, quality, cost savings, and new product development goals within schedule and budget
• Interface with vendors and internal contacts in an effective manner to ensure that the technical and EHS perspective is properly conveyed

QUALIFICATIONS:
• Bachelor’s degree in Electrical Engineering from an accredited college or university

DESIRED QUALIFICATIONS
• Ability and willingness to work collaboratively with global teams, including time-zone flexibility
• Experience with National Instruments LabVIEW, TestStand, and PXI Equipment
• Experience using hardware debugging tools: oscilloscopes, multi-meters, function generators, etc.
• Demonstrated ability to work amongst diverse teams with cross functionality
• Demonstrated ability to clearly and concisely communicate complex ideas to various audiences
• Knowledge of and experience with the Bently Nevada product line
• Green Belt or equivalent quality certification
• Knowledge using mechanical CAD software
• Knowledge in manufacturing automation
• Experience in embedded systems and/or programming object-oriented code C / C++ / C#

HOW TO APPLY:
Interested applicants should apply online.