General Electric
https://www.ge.com/

POSITION TITLE: Electrical Engineer

POSITION LOCATION: Minden, NV

POSITION DESCRIPTION:
Baker Hughes, a General Electric (GE) company, is the world’s first and only provider of integrated oilfield products, services, and digital solutions. With operations in over 120 countries, the company’s global scale, local know-how and commitment to service infuse over a century of experience with a spirit of a startup—inventing smarter ways to bring energy to the world. The company is seeking an Electrical Engineer that will work in new product and development and existing product sustaining/support. In this role, the successful candidate will develop robust automated test solutions, leveraging existing technologies, promoting standardization, and reliability/process efficiency. Duties include, but are not limited to:

- Developing manufacturing tests for new products, documenting process changes, driving process/fixture improvements, driving lead and cycle time improvements, improving cost of quality, and engaging in Health and Safety actions
- Implementing circuit card designs that interface to firmware, hardware, and software
- Engaging in a fast-paced manufacturing environment with a wide variety of different types of projects some spanning years and others just a few weeks
- Having the opportunity to learn mechanical CAD software, Visual Basic, NI Labview/TestStand, and firmware coding
- Supporting Digital Solutions Prototyping Center by reviewing new product introduction designs for Manufacturability and Testability
- Developing and implementing process improvements to reduce cost and cycles
- Designing necessary fixtures and tooling for manufacturing NPIs
- Assuring 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/end user requirements
- Managing multiple projects by providing scheduling, resource management, budget control, and EHS compliance
- Defining investment and expanse needs, driving from preparing for approvals to completion
- Participating in LEAN initiative and engaging Six Sigma tools for process improvements
- Bringing innovative ideas and positive support to current processes
- Implementing productivity actions to improve the process and respect objectives
- Leading and effectively interfacing 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
- Interfacing 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 Engineer 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++, or C#

HOW TO APPLY:
Interested applicants should apply online.