

TENSILITY

Job Description: Product Development Engineer - Mexico

Date: May 19, 2021

Summary

Tensility designs and sources cable assemblies and components to support customers from conception through production. Our focus is to connect customers to information and products through first class, efficient, customer-centric systems.

Engineering at Tensility is integral in providing first class customer service and support, not only because of the products we build, but because of the type of customers we serve: engineers. The Product Development engineer supports the engineering process through product development and verification to quality assurance.

This job is located in Bucerias, Nayarit. It is not a remote-work position.

Tasks include:

1. Product design & engineering
 - a. Drafts specifications for new product lines.
 - b. Produces renders for web development and marketing.
 - c. Creates 3D models in Solidworks.
 - d. Assists Product Development Team in designing new product lines.
 - e. Other engineering projects as needed.
2. Compliance
 - a. Stays current on compliance requirements throughout the world.
 - b. Assists customers with compliance documentation.
 - c. Updates Tensility team to ensure compliance is efficient and well-managed in systems and online.
3. Quality
 - a. Assists with Quality Assurance when additional engineering support is needed.
 - b. Maintains knowledge and compliance with regulations and legislation.
 - c. Assists quality and engineering teams in troubleshooting engineering problems.
 - d. Assists with ECOs, PCNs, and EOL products.
 - e. May conduct quality assurance testing.
4. Testing
 - a. Uses and maintains lab testing equipment.
 - b. Conducts lab tests on typical bench test equipment and
 - c. Trouble-shoots customer projects and/or Tensility products using lab equipment.
5. Applications

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- a. Drafts models and specifications in Solidworks to meet customer requirements.
- b. Works with Sales to assist customers with product selection, design, and technical support related to electrical/electronic functional parameters.

6. Other

- a. Employee may at time be asked to participate in other activities and functions that contribute to the company as a whole.
- b. Other activities which may be special skills of employee and become part of permanent job description.

Knowledge and Skills Requirements

College degree in electrical or mechanical engineering, or the equivalent (such as mechatronics) with knowledge of electronics and circuit theory.

Experience: 0-3 years

Software

- Solidworks or equivalent
- Common office software including Word, Excel, Power Point, Outlook, etc.
- Will need to know or learn SAP Business One

Equipment

Be able to use or learn to use the following:

- Test: DVM (handheld and precision benchtop), power supplies, electronic load, power analyzer, network analyzer, spectrum analyzer, hi pot tester (megger), oscilloscope, thermocouples.
- Physical measurement: Digital calipers, digital micrometer, digital depth gage, digital height gage, electronic scale, optical comparator, microscope.
- Assembly: Hand soldering (IPC J-STD-001 certificate or equivalent beneficial), wire stripping, terminal crimpers.
- 3D printer

Other

- Maintain a professional appearance.
- Able to work in a team atmosphere as well as do independent work.
- Flexibility; ability to work in a changing or uncertain environment.
- Desire to learn and push personal limitations.
- Ability and/or desire to promote Tensility brand.

Working Conditions

Working conditions are normal for a professional office environment. Some travel may be required.