

**JOB OPPORTUNITY**

**Posted 8/2/2018**

<b>Job Title:</b> Design Engineer- Cu Premise Cable	<b>Department:</b> Engineering
<b>Reports to:</b> Director of Engineering & QA	<b>Classification:</b> Exempt

**Position Summary:**

This role is responsible for new product design, as well as, modification, enhancements and improvements of existing products and materials in accordance with and utilizing professional engineering design principles and practices. This is an integral position within the Engineering team and shall interface and provide technical support to other departments within the organization such as management, sales, production, manufacturing, etc.

**Essential Functions/Responsibilities:**

- ) Subject Matter Expert (SME) – Copper Premise data cable design as mainly related to UL Subject 444, TIA-568, ISO 11801 and IEC 61156-X.
- ) Develop Customer, Manufacturing, Purchasing and Packaging specifications.
- ) Provide technical support to Sales and Operations departments including (but not limited to) customer specification review as well as providing quotes on new products and/or modifications to existing products.
- ) Lead engineering projects and coordinate multi-departmental team efforts.
- ) Active role in New Product Review and Development, including analysis of prototypes/specs/requirements, provide design concepts and costs to the Sales department as well as confirm compliance to regulatory and governing standards as published by the NEC, NFPA, ANSI, UL, CSA, ETL, TIA, IEC, ISO, IEEE, etc.
- ) Produce quality deliverables in a timely manner, consistently meeting deadlines and budgets.
- ) Instrumental in new data communications cable designs and evaluation of materials.
- ) Research, develop, and present DoE plans to provide innovative solutions in problem areas/projects.
- ) Implement raw material cost reduction plans, process improvements, technical innovation(s) and final application support for existing and future products.
- ) Conduct proper testing methods on products and/or materials.
- ) Adhere to the core HCA goals of ISO9000 Total Quality Management, and be an active participant and member of SGA Team.

**Knowledge, Skills, and Abilities:**

- ) Attention to detail necessary.
- ) Strong organizational and time management skills.

- ) Self motivated and self initiated problem solver with above average troubleshooting skills.
- ) Ability to work under pressure of time and resource constraints.
- ) Respond to shifting priorities in a cooperative manner.
- ) Strong commitment to quality/safety/efficiency.
- ) Advanced reading, writing, and comprehension skills in English.
- ) Good interpersonal and communication skills to interact with co-workers, customers, etc.

**Qualifications:**

- ) Minimum A.S. degree in an engineering discipline, or 5 years comparable cable design experience.
- ) Relevant Engineering experience within a manufacturing environment.
- ) Strong analytical skills.
- ) Exceptional mathematic skills.
- ) Advanced computer literacy skills utilizing Microsoft Office, database programs, with ability to develop knowledge of customized system(s).
- ) Electrical and mechanical simulation software experience preferred.
- ) Excellent verbal and written communications skills in English.

**Typical Physical Demands:**

- ) Finger dexterity and hand/eye coordination for operation of office equipment, including PC.
- ) Sitting for periods of time, working at a desk in office environment.
- ) Light lifting, carrying of files and supplies, ability to move, or lift up to 30 lbs. of objects and/or materials.
- ) Ability to speak and hear customers, vendors, and or other employees via phone or in person.
- ) Body motor skills sufficient to move for one office location to another throughout plant .

HCA reserves the right to change or revise functions and responsibilities as the need arises. HCA is an “at-will” employer, and this document is not a written or implied contract or guarantee of employment.

**To apply for this position submit your application and resume to [laura.mckevitt.rg@hca.hitachi-cable.com](mailto:laura.mckevitt.rg@hca.hitachi-cable.com) or drop off to Human Resources office.**