

Join the world leader in thermal mass flow meter technology. FCI began in 1964 by pioneering the development and application of thermal dispersion flow and level sensing technology. The Company is the world-recognized leading manufacturer for solving flow and level measurement applications for industrial process and plant applications using patented thermal dispersion flow measurement technology.

From off-the-shelf product solutions to custom engineered products and systems, FCI provides world leading experience and a record of unequalled innovation to meet or exceed our customer application demands. Complimenting FCI product leadership is a world class Flow and Level Calibration Facility in which all calibrations are performed in liquids or gases utilizing only N.I.S.T. traceable equipment and instrumentation.

Currently, we are seeking a Quality Test Engineer 1 Nuclear for our Nuclear group.

Position Purpose:

Under the management of the Nuclear Division Engineering Manager, this position is responsible for the qualification of products used in the nuclear power and research industry. In this position you will have the opportunity to be involved in every activity from the initial design, detailed engineering analysis, manufacturing methods, functional testing and calibration, to prototype testing and product qualification and certifications. This position helps ensure the operation of nuclear safety equipment under all design basis conditions.

Essential Job Functions (primary duties and outputs of position):

- Plans, formulates and provides direction for the research, development and testing activities and the qualification of products.
- Develops and administers programs for qualification of new or modified engineered products, devices, equipment, systems, methods materials and processes.
- Conducts research to assist design engineers in developing new or modified products, devices, equipment, systems methods, materials and processes.
- Prepares and reviews failure modes effects analysis reports.
- Prepares and reviews mean time to failure reports.
- Prepares and reviews design specifications.
- Prepares and reviews product qualification reports.
- Performs testing and validation for specific design and theoretical concepts either directly or through delegation to technicians or vendors.
- Periodically, represents the company on technical contractual and compliance requirements.
- Independently manages and monitors activities of outside third party contractors.

Safety

- Follow safe work practices, participate in safety training as required, and report any unsafe condition or accident.

Quality

- Understand and support the quality policy and the appropriate elements of the quality management system for their areas of work.
- Dedicate efforts to the reduction, elimination, and prevention of quality deficiencies.
- Initiate action to prevent the occurrence of nonconformities related to product, process, and quality system.

COMMUNICATION:

- Communicates effectively in English, both verbally and in writing.
- Maintains effective and constructive working relationships with others both internally and externally.
- Prepares effective reports and presentation of project information.

MINIMUM EDUCATION/QUALIFICATION REQUIREMENTS:

- Bachelors of Science in an Engineering Discipline
- Experience in the application of engineering principles
- Experience in CAD and CAE software
- Basic knowledge of analog electrical circuits
- Basic knowledge of industrial codes and standards including ASME, IEEE, IEC, etc.
- Strong Microsoft Office skills including Word, Excel, PowerPoint

RECOMMENDED EDUCATION/QUALIFICATION REQUIREMENTS

- Bachelors of Science in Mechanical Engineering, Material Science, Chemical Engineering, Industrial Engineering, Electrical Engineering, or Nuclear Engineering
- >1 years of experience using SolidWorks
- Basic knowledge of process instrumentation such as flow, level, temperature meters and switches

Physical/Travel Requirements:

- This position requires sitting 50% of the time. Standing and walking are required up to 50% of the time. Manual dexterity required in skills for typing, using wrenches, screwdrivers, or other similar tools up to 50% of the time. Must be able to lift 25 lbs.
- This job includes travel up to 10% and equal time spent on the manufacturing floor and in the office.

Non Exempt / Full Time / Temp to Hire

(5/8) or (4/10) Alternative Work Schedule / Monday – Thursday / 6:00am to 4:30pm

These duties may be modified or changed at any time at the sole discretion of management either orally or in writing. The above statements are not to be construed as an exhaustive list of all responsibilities, duties, and skills required of this position. All personnel may be required to perform duties outside of their normal responsibilities from time to time, as needed.

FCI is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex including sexual orientation and gender identity, national origin, disability, protected Veteran Status, or any other characteristic protected by applicable federal, state, or local law. If you are qualified individual with a disability or a disabled veteran, you have the right to request an accommodation if you are unable or limited in your ability to use or access our career center as a result of your disability. To request an accommodation, contact a Human Resources Representative.

FCI is an ITAR required employer and active participant of the DHS and SSA E-Verify program. Contract requirements for ITAR identify US citizen or permanent resident alien in the absence of ECCN.