

FLUID COMPONENTS INTERNATIONAL, LLC.
Qualification Engineer 1 Nuclear

Join the world leader in thermal mass flow meter technology. The company began in 1964 by pioneering the development and application of thermal dispersion flow and level sensing technology, using patented thermal dispersion flow measurement technology.

OVERVIEW:

Responsible for the structural analysis and qualification processes in support of the development/qualification test activities of Industrial and/or Nuclear product lines.

ESSENTIAL JOB RESPONSIBILITIES:

- Plans, formulates and provides direction for the research, development and testing activities and the professional engineering of qualification activities.
- Develops and administers programs for qualification of new or modified engineered products, devices, equipment, systems, methods materials and processes.
- Plans and formulates proposal elements including project objectives, application of findings, equipment and manpower requirements, and project cost estimates.
- Reviews and evaluates external outsourcing proposals and recommends those considered feasible and cost effective to engineering management.
- Conducts research to assist design engineers in developing new or modified products, devices, equipment, systems methods, materials and processes.
- Prepares 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.
- May independently manage or monitor activities of outside third party contract engineers as required by contract and in accordance with budgetary approvals.

COMMUNICATION MANAGEMENT:

- Communicate effectively in English, both verbally and in writing.
- Maintain effective and constructive working relationships with others both internally and externally.
- Prepare effective reports and presentation of project information.

FINANCIAL MANAGEMENT:

- Recommend departmental budgets and operation expenses; may include sales forecasts, equipment needs, space allocation, manpower, etc.

EDUCATION/QUALIFICATION REQUIREMENTS:

- BSME or equivalent work experience
- Knowledge of seismic and vibration analysis techniques.
- Knowledge of material strength, aging and radiation resistance analysis.
- Experience with qualification/ validation in the industrial/nuclear industry.
- Experience in process control instrumentation.
- Experience performing qualification engineering testing.
- Knowledge of Solidworks. Knowledge of AutoCAD is a plus.

Safety

Employees are responsible for following safe work practices, participating in safety training as required, and reporting any unsafe condition or accident

Quality

- Employees are responsible to understand and support the quality policy and the appropriate elements of the quality management system for their areas of work, reduce, eliminate, and prevent quality deficiencies.
- Initiate action to prevent the occurrence of nonconformities related to product, process, and quality system.

DISCLAIMERS:

PHYSICAL DEMANDS: While performing the duties of this job, this position requires extensive sitting while working on a computer/work bench. Time spent at work bench includes grasping while soldering, may use a magnifying tool/microscope. Regular lifting up to 20-30 lbs., infrequent lifting up to 50 lbs. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. *The information contained in the job description is for compliance with the Americans with Disabilities Act (ADA) and is not an exhaustive list of duties performed by this position. Additional duties may be assigned by the Supervisor or his/her designee.*

ACKNOWLEDGEMENTS: FCI is an Equal Opportunity Employer. We encourage applications from all individuals regardless of race, religion, color, sex, pregnancy, national origin, sexual orientation, ancestry, age, marital status, physical or mental disability or any other protected class, political affiliation or belief. FCI is an active participant of the DHS and SSA E-Verify program.

This is an Exempt, Full Time, Direct Hire position with a salary Based on Experience

It has a great (4/10) Alternative Work Schedule of Monday – Thursday - Please submit resume with a brief salary history