



Principal Engineer

Department	Reports to
Engineering	Associate Executive Director
Employment Status & FLSA Status	
Full-Time & Exempt	

Job Description

Job Function
Drives consistency, integrity and engineering quality in the establishment and application of product testing and certification requirements that are applied by global staff and affiliates. Provides leadership to achieve technical objectives and operational goals. Serves as technical arbitrator in technical appeals relating to standards.
Job Responsibilities
<i>Reasonable accommodation may be made to enable individuals with disabilities to perform these essential functions.</i>
<ul style="list-style-type: none"> • Function as the primary technical resource positioning the business as the industry thought leader. • Based on input from industry and other sources, drafts, develops to implementation and maintains consistent and technically appropriate testing and certification requirements in Standards and other standard specific ancillary documents to provide for consistent interpretation and application of requirements for product testing and certification services. • Develops and / or reviews the development of technical content that serves as the basis of training programs for staff to ensure appropriate and consistent application of requirements. Schedules meetings with staff to discuss technical requirements, procedures, form usage, etc. • As directed by industry advancements and trends, identifies areas of opportunity, and develops research project plans and budgets including collecting, analyzing, and communicating information. • Recommends improvements to existing test equipment, procedures, or training. Assists in developing new test procedures as needed. • Is a technical resource for members and staff • Participates in industry meetings and committees providing technical support and making technical presentations. • Assists business in the determination of new business opportunities and advises on technical resources needed to actively participate in new businesses. • Integrates continuous improvement concepts and techniques into all aspects of the job. • Works closely with cross-functional teams such as advocacy, standards, and marketing to provide technical support via participation on committees, industry calls/meetings, writing of white papers and research papers, and act as the technical expert collaborating with staff and customers to address and solve industry challenges. • Performs other duties as directed.

None of the foregoing information in any way states or implies that these are the only duties to be performed by an employee occupying this position. Employees will be required to follow any other job-related instructions and to perform any other job-related duties as requested. Duties are not necessarily comprehensive and are subject to change at any time at the discretion of management.

Education & Experience

- Bachelor's degree in engineering or related field.
- Detailed knowledge of product testing methodologies.
- Knowledge of appropriate industry codes, standards, publications, and guidelines.
- Understanding of industry issues, needs, and problems.
- Ability to make strong engineering judgments.
- Ability to apply engineering concepts in areas of expertise, including application to complex, new or unusual products.
- Detail-oriented with the ability to prioritize, manage and complete projects on time.
- Strong verbal and written communication skills.
- Computer proficiency in Microsoft Office and other programs as required.
- Desire to work in a team-oriented environment

Work Environment & Physical Demands

- This position is in-office and may be partially remote
- Physical demands include sitting for long hours, typing, and standing
- Computer work and talking on phone or in-person
- May have to lift up to 50 lbs.

Travel Requirements (if applicable)

- Domestic travel - less than 20%
- International travel - less than 20%