

**QAI Job Number:** QAI - Senior Electrical Engineer - 01  
**JOB TITLE:** Senior Electrical Engineer  
**LOCATION:** Toronto, Canada  
**NUMBER OF POSITIONS:** 1  
**CATEGORY:** Electrical Safety  
**POSTING DATE:** 03/27/2017  
**CLOSING DATE:** 04/14/2017

## **BACKGROUND:**

QAI Laboratories provides certification, field evaluation, testing, and factory inspection services for Electrical Products, Building Materials, Vehicles and Structures. Over the last decade, QAI has been one of the fastest growing certification agencies and its name is now well recognized throughout the certification world. QAI is currently looking for a talented and motivated individual, with a minimum 10 years of experience in Electrical safety, to lead the development of our new Vaughan, Ontario office. The following is an outline of the duties and Qualifications:

**DUTIES:** Under direction of the Director of Engineering:

- Provides technical expertise in the field of electrical safety as it relates to certification, testing, inspection and regulatory compliance.
- Overall responsibility for ensuring activities under the relevant scope of technical expertise are compliant to QAI's quality management system requirements
- Conducts unsupervised testing, inspection or evaluation, data analysis and report preparation.
- Review test reports, inspection reports and evaluation reports as necessary to ensure activities meet the requirements of the relevant accreditation criteria
- Provide financial forecasts monthly to senior management as required.
- Recommend new business opportunities
- Makes recommendations on capital expenditures
- Qualify new test set-ups, equipment and technical staff
- Assist in program set up for developing policies, procedures and forms
- Make sound judgements on test methods and/or standard within their field of expertise.

## **Key Technical Competence:**

- Knowledge of accreditation standards and requirements
- Able to perform simple and complex evaluations including complex test setups and explain results with a high degree of knowledge to clients and others within the organization.
- Good working knowledge of the test methods in their specific discipline.
- Excellent communication and customer service.
- Able to apply general knowledge in a discipline to various testing methods, including new and innovative products and develop a plan to complete projects.

- Able to multi-task with a high degree of efficiency and accuracy.
- Maintain a sense of ownership and responsibility for projects assigned to them.
- Able to coordinate projects across departments or across the organization to ensure customer satisfaction

**QUALIFICATIONS:** The successful candidate will, as a minimum, have:

- Bachelor's Degree in Electrical Engineering
- Registration or ability for registration as a Professional Engineer (P.Eng. or P.E.)
- Excellent written/oral communication skills.
- Advanced knowledge of MS Work, Excel, and PowerPoint.
- Ability to work in a fast-paced environment, independently and with team members.
- Ability to travel as required to the US and other areas like Asia or Europe

#### **Preferred**

- 5-10 years' experience working in the compliance field
- Experience working in a test lab
- Working knowledge of the Canadian and/or USA Electrical Code requirements
- Experience with international regulatory requirements
- Experience managing junior engineers and technicians
- Understanding of hazardous location safety requirements
- Demonstrated history of effective problem solving and decision-making skills
- Experiences with HAZLOC or ATEX requirements

#### **ADDITIONAL INFORMATION:**

The successful candidate will progress, subject to satisfactory performance, through a 3-month probation and training period. QAI Laboratories offers a competitive compensation and benefits package including base salary, extended medical, dental, and RRSP matching programs.

#### **APPLYING:**

Interested candidates are asked to submit their resume and cover letter with salary expectations to Laura Medina via email at [lmedina@qai.org](mailto:lmedina@qai.org)

#### **Equal Opportunity Employer**

QAI Laboratories is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to sex, race, color, religion, national origin, age, marital status, political affiliation, sexual orientation, gender identity, genetic information, disability or protected veteran status. We are committed to providing a workplace free of any discrimination or harassment.