



Fuel Burning Certification Engineer

QPS Evaluation Services Inc. is a leading Canadian provider of third-party product approval services to a variety of customers and industries, locally and globally.

The candidate will be responsible for Testing, Inspection and Certification of industrial fuel burning appliances and equipment used in oil & gas, mining, manufacturing, commercial HVAC and various other industries. The certification/inspection is performed to determine compliance with applicable North American gas safety standards and regulations. The Fuel Burning Certification Engineer will be responsible for the following activities:

- Work directly with the Technical Manager- Fuel Burning Appliances in charge of approval of fuel burning equipment and represent the company when performing testing and certification.
- Prepare and execute the test plans as per the applicable certification standards.
- Review requests for quotes from potential clients and recommend options to obtain certification.
- Provide technical support to the company's Customer Service team to determine the project's scope, service deliverables, price estimates, and assist in quote preparation.
- Review technical documentation including: P&ID, drawings, BOM, wiring diagrams, and operation/installation documents related to the equipment evaluation.
- Prepare and issue a formal report to client describing the outcome of the review process and any actions required by the client to ensure compliance to applicable standards.
- Conduct fuel burning appliances and equipment field inspections at locations throughout North America with focus on Quebec area.
- Conduct engineering reviews of reports generated by other engineers and provide constructive feedback for the purpose of improvement.
- Where directed by Management, attend technical or industry association meetings and develop networking with regulators and current/future clients.
- Travel to various client sites in North America, and sometimes overseas.

The Candidate should possess several of the following qualifications/skills:

- Must have Bachelor's degree in Engineering, preferably Mechanical Engineering or Electrical Engineering with 2 years experience in Testing, Inspection and Certification of fuel burning appliances and equipment.
- Must be registered as a P.Eng or E.I.T with Canadian Engineering Associations. (
- Must be familiar with North American gas safety codes and standards including CSA , UL, ANSI, NFPA.
- Hands-on experience in process instrumentation and process control including Burner Management Systems (BMS) and PLC. is considered advantages.
- Experience or knowledge in manufacturing and operations of boilers, ovens, heaters, evaporators, furnaces and other fuel burning equipment are considered advantages.
- Experience with Oil & Gas sites and safety requirements in those sites including applicable PPE. Safety training including HAZLOC and H2S trainings are considered advantages
- Must have strong written and oral communication skills and computer skills.
- Proven ability to handle a number of projects simultaneously in an effective and efficient manner
- Ability to interact with clients in a positive manner and deal with situations that may involve conflict resolution
- An effective team player and a 'can-do' attitude

QPS supports the Accessibility for Ontarians with Disabilities Act (AODA) and the Human Rights Code in our recruitment process. Upon request, any assessment and selection materials or processes used during the recruitment process will be

available in a format accessible to applicants with disabilities. If contacted for an interview, please advise our Human Resource Department if you require any disability-related accommodation.