



**Advanced Energy Management Ltd.**

*Putting our **energy** into saving yours*

**Advanced Energy Management Ltd. (AEM) wants you to join our growing company and talented team!** AEM is a company who has been in business for over 30 years in the Atlantic Provinces and is strategically expanding its presence in Ontario within the last couple of years. AEM is known for managing energy for buildings, optimizing central energy plants through installation of combustion controls, and providing HVAC solutions to optimize energy usage. We are currently seeking an **Industrial Instrumentation & Controls Technologist** within the Moncton area of New Brunswick. The ideal candidate must have instrumentation and process controls experience, and/or combustion controls knowledge, combined with the ability to travel frequently to job sites within New Brunswick and other Provinces.

Reporting directly to the **President and Owner** of the company, the Industrial Instrumentation & Controls Technologist is primary responsible for providing configuration, service, start up and commissioning of combustion controls systems in industrial plants.

**Responsibilities include, but are not limited to the following:**

Service:

- calibrating boiler room instruments using the National Institute of Standards and Technology (NIST)
- testing and tuning industrial boilers to achieve maximum combustion efficiency
- tuning of process controller to ensure process variability is reduced, efficiency is maximized, energy costs are minimized, and production rates can be increased
- troubleshooting and repairing of all elements of a combustion controls system including PLC's DCS, HMI's stand-alone controllers, primary and final control elements, recorders, data acquisition, burner management systems, fuel delivery systems, annunciators, compressed air, make up water, DA, and feedwater
- providing recommendations for repair and improvements

Retrofit & New Installations:

- retrofitting and installing new primary and final control elements
- supervising other trades as required
- installing and commissioning of all elements of a combustion controls system including PLC's DCS, HMI's stand-alone controllers, primary and final control elements, recorders, data acquisition, burner management systems, fuel delivery systems, annunciators, compressed air, make up water, DA, and feedwater
- performing start up and commissioning
- testing combustion and operational efficiency
- maintaining backup and revision documentation for control systems and instrumentation

## QUALIFICATIONS AND EXPERIENCE:

- post-secondary education in Instrumentation, Electronics or Mechanical Engineering Technology (Industrial) or any engineering courses coupled with a minimum of three (3) years' related work experience in industrial instrumentation controls
- Certified Journeyman Instrumentation Technician and or Certified Engineering Technologist is an asset
- proven ability to develop an understanding of the entire combustion/boiler processes and applies knowledge in performing system diagnosis, start up and commissioning, and developing solutions to remedy or improve the process
- excellent analytical and problem-solving skills with the ability to effectively troubleshoot industrial control systems
- working knowledge of DCS, PLC, HMI, and system integration is an asset
- demonstrated understanding of AutoCAD, Microsoft Word, Outlook, and Excel
- ability to communicate effectively with customers and team members as well as make recommendations for repairs or improvements
- strong oral and written communication skills in English with the ability to effectively present to clients and management team. Fluency in more than one language is an asset
- self-motivated with the ability to work under minimal supervision
- effective time management skills with the ability to meet tight deadlines
- strong interpersonal skills with the ability to influence and work well with others
- willing and able to travel on a daily and/or regular basis to job sites in New Brunswick, as well as, frequent travels to job sites in other provinces is a requirement
- ability to work overtime outside the normal working hours with minimal notice, and respond to emergency on-calls as required

## WHAT WE OFFER

At AEM, we believe in hard work and a good quality of life. Our work environment is one in which people enjoy coming to work. We empower people to make decisions and do whatever it takes to delight customers and take time to have fun and develop relationships with employees. Some benefits are:

- Group Benefits and RRSP
- Above-industry Wages
- Fitness & Clothing Allowance
- Flexible working hours

## TO APPLY

If you are interested in joining our team; please apply for this position by sending your cover letter and resume to [careers@aemltd.com](mailto:careers@aemltd.com), quoting your full name and competition number **AEM1909** in the subject line. The posting will close end of day **Tuesday December 31<sup>st</sup>, 2019**.

We thank all applicants for their interest in a career with AEM. Only successful candidates will be contacted for an interview.