



Advanced Energy Management Ltd.

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

If you are someone who enjoys working in a collaborative and solutions-driven environment, we want to hear from you!

AEM is looking for **Automation Programmers** to work with technical mindsets alike from the Burnside office in Dartmouth. There are currently **two (2) positions** available.

Reporting directly to the **Operations Manager**, the Automation Programmer is responsible for understanding the process and technologies employed in commercial building heating and cooling systems. The incumbent will be required to program, configure, commission, and service automation systems to properly control and monitor the equipment in these facilities.

Duties and responsibilities may require and are not limited to the following:

Programming and Commissioning Automation Systems:

- Interpret detailed engineering drawings and specifications for systems and configure a logical sequence which will control these systems safely and efficiently
- Develop graphical user screens which will visualize the process for the operator
- Configure programmable logic controllers and networks such as BACnet, LonWorks, Modbus, etc.
- Commission controls systems to ensure programming sequence are functioning as per specifications
- Develop energy efficient control strategies to optimize system performance
- Provide technical support to field installation electricians
- Perform project coordination as required on projects

Service:

- Support and assist service technicians with troubleshooting controls related to mechanical and electrical systems
- Answer on-calls (on rotating basis) during off hours such as evenings and weekends to ensure customer issues are resolved in a timely manner
- Monitor systems remotely via the BAS or mechanical or technology problems that affect occupant comfort.

System Integration:

- Assist with system integration of other equipment manufacturer's systems and networks such as BACnet, Tridium, OPC Server, Variable Speed Drives, Boilers, Recorders, Smart Transmitters, etc.
- Review specifications and drawings for renovations and new construction to drive innovation and compatibility with the existing system

Systems Diagnostics and Applications:

- Develop an understanding of the process and technologies involved in building heating and cooling systems and central steam plants and apply knowledge when performing system diagnosis, start up and commissioning, as well as developing solutions to remedy or improve the process

Communication and Teamwork:

- Communicate effectively with customers and team members about current projects and any recommendations for repairs or improvements
- Collaborate with other contractors and consultants effectively to ensure issues get resolved in a timely manner
- Ensure consistent follow-up with customers on projects or service-related activities



Advanced Energy Management Ltd.

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

Qualifications & Experience

- Post-secondary education in Electronics or Mechanical Engineering Technology coupled with a minimum of 3-5 years of experience in programming, commissioning, and maintenance of HVAC controls systems.
- Successful completion of Engineering Technologist Certification or CET is considered an asset
- Good working knowledge of controls such as Honeywell, Reliable, and/or Tridium Niagara
- Strong computer programming and networking skills,
- Demonstrate excellent organizational with the ability to prioritize tasks and meet deadlines
- Proven ability to analyze and problem solve system issues
- Enjoys working with others and shows willingness to learn new skills and/or share technical knowledge
- Demonstrate good communication skills, both written and oral. Fluency in more than one language is considered an asset
- Ability to create and deliver effective presentations as well as train systems end-users
- Willing and able to work overtime and on-calls as required
- Willing and able to travel to job sites within Nova Scotia.

TO APPLY

If you are interested in joining our team; please forward your resume to careers@aemltd.com This job ad will be available until position is filled.

We thank all applicants for their interest in a career with AEM. We will contact those applicants chosen for an interview.