



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 known for helping high-performance building owners and industrial plants to reduce energy consumption and greenhouse gas emissions. We are currently seeking for a **Design Technician** to work out of our Moncton office.

Reporting directly to the **Design Team Leader**, the Design Technician is responsible preparing technical designs for HVAC control systems from preliminary concepts, sketches, calculations, specification sheets and other data. The incumbent will review plans and confer with project managers, estimating team, programmers, and electricians to meet project specifications, complete documentation packages and produce drawing sets.

Responsibilities include, but are not limited to the following:

- reading and interpreting plans, as well as complex mechanical and electrical specifications; and developing an appropriate building management system in line with plans and specifications
- using AutoCAD to design and draft schematic control and electrical wiring diagrams, sequences of operation and bills of materials for the building management system requested in the engineering drawings
- selecting and sizing the various control equipment at the digital (controllers, computers, etc.), electrical (transformers, relays, etc.) and mechanical (valves, actuators, etc.) levels for approval purposes
- creating working drawings using AutoCAD following established company standards
- laying out and sizing mechanical systems as directed
- maintaining and updating drawings to reflect any change requests
- organizing and printing drawing sets as requested in a timely fashion
- reviewing drawings for quality control
- setting up drawings in an organized fashion and ensuring appropriate labelling
- storing, managing and archiving drawing files and recording sets of drawings in accordance with company Project Management Standards
- storing and managing project documentation in accordance with AEM's Project Management Standards
- communicating with other departments on a project by project basis
- collaborating with internal project managers, electricians, and programmers to complete projects on time and on budget.
- interacting with customers and consultants as needed throughout the course of a project
- communicating effectively with team leaders about current projects and any recommendations for process improvements
- respecting the values and code of ethics of the company
- all other related tasks

QUALIFICATIONS AND EXPERIENCE

- post-secondary education in Engineering Technology (Building, Mechanical, Civil, Electrical, Electronics, or Energy) coupled with a minimum of two years' related work experience in AutoCAD design. Drafting and designing HVAC controls is strongly preferred.
- demonstrated understanding of wiring diagrams and electronic schematics.
- experience in using AutoCAD, Microsoft Word, Outlook, and Excel.
- working experience within the HVAC industry with basic knowledge of building controls and automation systems is considered an asset.
- strong ability to read and understand electrical and mechanical drawings.
- effective oral and written communication skills in English; bilingual (French and English) would be considered an asset.
- self-motivated with the ability to work under minimal supervision.
- effective time management skills with the ability to meet tight deadlines.
- must be a trustworthy, professional, and dependable person who thrives on providing exceptional customer service to others (team members, customers, and suppliers) and develop strong working relationships.
- ability to travel independently to Nova Scotia and/or possibly Ontario as required
- willing and able to work overtime hours as required
- ability to lift or move up to 30lbs unassisted

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:

- Friday Afternoons Off
- Flexible Working Hours
- Group Benefits and RRSP
- Above-industry Wages
- Fitness Allowance

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, quoting your full name and competition number **AEM1905** in the subject line. The posting will close end of day **Thursday June 20th, 2019**.

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