

Mechanical Engineer

Orange Door Engineering does mechanical engineering and energy analysis for all types and sizes of building on PEI and occasionally other provinces. Most projects are fast paced with quick schedules which require an organized and focused approach. We pride ourselves with working cohesively with the other disciplines and the contractors. As the firm has grown, so have the size of the projects with numerous \$5M+ projects annually with typically one or more \$20M+ projects annually. The variety of our projects provides a constantly changing working environment.

The job responsibilities include:

- Site assessments and surveys
- Design of HVAC, plumbing, controls and fire protection systems
 - Responsible for own calculations and correctness
- Coordination of design with other disciplines
- Specification writing
- Direction of Junior Engineer and CAD Technician as required.
- Report writing
- Energy modeling and analysis
- Estimating of probable construction costs
- Shop drawings reviews
- Construction site visits and field reviews
- Liaise with Contractors and authorities
- Occasional drafting required.

Required attributes:

- P.Eng. or eligible for P.Eng. registration in PEI (equivalent experience would be considered)
- Ability to use AutoCAD fluently
- A valid driver's license and reliable transportation
- Organized and methodical

Beneficial skills include (but not required):

- Ability to build relationships with new clients



- Knowledge of IESVE software
- Revit

Start date and hours of work are flexible.

Please apply through email only.

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