



CIVIL | STRUCTURAL | MECHANICAL | ELECTRICAL | INDUSTRIAL

**Location:** Winnipeg Capital Region, St. Andrews Airport district

**Date Posted:** July 02, 2021

# Mechanical Technologist

## Building Mechanical Design and Cost Estimating

In this position, you will train as a designer and cost estimator for building mechanical systems (HVAC, plumbing and other) under the supervision of a professional engineer and an experienced cost estimator. Your success will expand DGH Engineering's national reach while simultaneously developing your personal skills as a specialist in your field.

Mechanical design responsibilities will include the design of building mechanical systems including sewer, plumbing, HVAC and hydronic heating. In addition, you will participate in construction quality control activities including interim construction site inspections and commissioning of mechanical systems and equipment. Assignments will include a wide range of new and renovated residential, commercial, industrial and agricultural buildings.

Cost estimating responsibilities will include project coordination, cost estimating and tendering support for mechanical and electrical works on new buildings and building renovations. You will need to acquire a solid understanding of contracts, specifications, and construction methods and procedures. You will attain knowledge of key principles involved in bid preparation, including quantity take off procedures, project scheduling, sub-trade procurement, pricing and bid closing procedures.

### REQUIREMENTS

- Graduated from a three-year Mechanical Engineering Technology program from a recognized post-secondary institution.
- Eligible for registration as a Certified Engineering Technologist (C.E.T.) with The Certified Technicians & Technologists Association of Manitoba (CTTAM).
- Must possess a valid driver's license for a passenger vehicle
- An aptitude for and general understanding of building construction methods and procedures, and building mechanical and electrical systems.
- Hands-on experience with installation of building mechanical systems and/or general construction experience is an asset.

### YOUR KEY RESPONSIBILITIES

You will grow into this position, learning and adjusting as you go. Along your career path you will be responsible for:

- Pursuing and honing your skills as a cost estimating specialist
- Provide mechanical design and cost estimating services for small to large multi-discipline projects.
- Prepare specifications, tender and construction documents and reports.
- Compose technical reports as required.
- Complete field inspections for design and construction phases of projects.
- Assist in project coordination.
- Availability for short-haul travel to project sites in various weather conditions on an as required basis.

### ABOUT US

DGH is 100 % Canadian owned by a group of dedicated employees who are committed to providing work that consistently achieves a level of excellence in meeting client needs.

DGH is a full-service integrated building design firm delivering design, engineering and construction management services. We provide comprehensive building design services where desirable, or specific discipline design as part of project teams with other professionals or trade contractors.

**Submit Resume:**  
[hr@dghengineering.com](mailto:hr@dghengineering.com)

Please send resume in **PDF file format**. While we thank all applicants for their interest, only those selected for an interview will be contacted.

Why DGH? Find out at:

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