

## Mechanical Technician/Drafter

At Carbon Engineering, our vision is to lead the world in the large-scale removal of carbon dioxide from the air and advance our shift to a sustainable carbon-neutral society. Based in the outdoor recreation hub of Squamish, BC, this role will be a great fit for someone who feels passionately about this vision, and who wants to be a part of a fast-paced culture where contributions are noticed.

### Position Scope

This is an intermediate role for an Engineering Technologist or Drafter who will be involved in the design and scale-up of equipment from pilot plant to commercial plant. Experience working in a chemical process plant or part of a design team is an asset.

- Reports to the Mechanical Engineering Team Lead.
- Support the Engineering, Advanced Development, and Operations teams with drafting, modeling, data organization and calculations, and equipment sourcing.

### Responsibilities

- Complete drafting of PFDs, PIDs, BFDs.
- Design and prepare 3D models of plant layouts.
- Create 3-D models and detailed technical drawings of equipment to be fabricated in house.
- Issue mechanical drawings for fabrication.
- Support the Mechanical Engineering team with feasibility studies for various types of equipment.
- Create equipment datasheets and lists.
- Perform equipment and pipe sizing calculations.
- Review equipment recommendations from the EPC.

### Qualifications

- Education: Engineering Technologist or Drafting diploma
- Experience: 2-5 years, experience with SolidWorks, SmartPlant, AutoCAD, CADWorx and Navisworks.
- “Swiss-army knife” capabilities.
- Collaborate well in a team environment.
- Desire to learn.
- Thrive on doing things that have not been done before (explorer mindset) and tackling challenging problems.

If this seems like the dream job for you, send your resume to [careers@carbonengineering.com](mailto:careers@carbonengineering.com) and quote “Mechanical Technician / Drafter” in the subject line.