

Pilot Plant Operator

At Carbon Engineering (CE), 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 a technically apt, curious and hands-on individual who feels passionately about this vision and wants to be a part of a fast-paced culture.

Position Scope

This is a technical role for a Chemical or Mechanical Engineer or Technician who understands industrial processes, operations, equipment and laboratory analytics. Experience in a chemical or industrial process environment, such as Oil and Gas or Mining operations would be ideal.

- Reports to the Manager, Fuel Synthesis Operations.

Responsibilities

- Play a key operational role as part of a team synthesizing liquid fuels from CO₂.
- Optimize and improve pilot plant equipment
- Develop and execute test campaigns
- Track pilot activities across shift changes
- Maintain and repair pilot equipment

Experience

- Education: BAsc. or technical diploma in Chemical or Mechanical Engineering. BSc in Organic Chemistry will also be considered.
- Experience: Minimum of 3 years of technical work in a plant or testing facility.
- Lab experience as it relates to process control.
- Mechanically inclined and hands-on experience with equipment maintenance and repair.
- Familiarity with operating motorized equipment such as forklift, telescopic man lifts, scissor lifts is beneficial.
- Strong analytical and problem-solving skills.

In addition to technical skills, the right fit will:

- Operations experience in the oil and gas sector, ideally gas to liquid, is desired but not required.
- A self-starter with the ability to work independently or as part of a team, to meet multiple deadlines with limited supervision in a fast-paced environment.
- Function well in a job where priorities change from operations to testing to troubleshooting and maintenance. Able to take a project from concept through design
- Strong communication skills, written and verbal. Experience in technical report writing.
- Have experience and comfort working in an R&D environment.
- Thrive on doing things that have not been done before (explorer mindset).
- Legally able to work in Canada.

If this seems like the dream job for you, send your resume to careers@carbonengineering.com and quote "Pilot Plant Operator" in the subject line.