

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

CE is rapidly progressing towards commercialization of its Direct Air Capture and AIR TO FUELS™ technology. We are now looking for Plant Operators who will commission and operate the world's first fully integrated AIR TO FUELS™ plant in Squamish, BC.

This is a technical role for a Chemical Technologist or Technician, or Plant Operator who understands industrial processes, operations, equipment and laboratory analytics. The ideal candidate will have 4 to 8 years experience as a Plant Operator in a chemical/industrial process plant.

Responsibilities

- Operate and improve the Pilot Plant process equipment.
- Execute test campaigns on a range of process units.
- Operate equipment to capture CO₂ from the atmosphere and process it into synthetic crude oil.
- Track pilot activities across shift changes.

Experience

- Education: Technical diploma in Chemical or Mechanical Engineering or Chemistry. Candidates that have applicable plant operations experience will be considered.
- Experience: Minimum of 4 years of technical work in a chemical/industrial plant or testing facility.
- 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.
- Lab experience as it relates to process control is a bonus.

In addition to technical skills, the right fit will:

- Have operations experience in pulp and paper, water treatment, mining, oil and gas (ideally gas to liquid).
- Be 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 often change across operations, testing, troubleshooting and maintenance.
- Able to take a project from concept through to completion.
- Plant commissioning experience is a bonus.
- Have strong written and verbal communication skills and 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 "Plant Operator" in the subject line.