

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 Direct Air Capture (DAC) and AIR TO FUELS™ plant in Squamish, BC.

This is a technical role for an Operator who values a safe and secure work environment and who understands industrial processes, operations, equipment, and laboratory analytics. The ideal candidate will be mechanically inclined, able to trouble shoot and diagnose issues/equipment, proficient in Microsoft Office, able to make decisions to prevent downtime and work as a team.

Responsibilities

- Operate and improve the Pilot Plant process equipment
- Execute test campaigns on a range of process units
- Perform lab sampling and analysis
- Monitor plant data such as pressures, flow rates, temperature, velocity and chemical dosing using SCADA and SeeQ
- Adjust process solution composition and other parameters as required for test campaigns
- Execute troubleshooting analysis of plant equipment
- Identify, report and resolve unsafe conditions, processes or actions within the workplace
- Perform safety checks, audits and participate in CE's safety program
- Participate in LOTO program, safely lock out equipment
- Collaborate with the maintenance department for assigned tasks
- Complete daily reports and other reporting requirements
- Maintain a well-organized site and exceptional housekeeping standards
- Report progress updates to your supervisor throughout the day
- Maintain pilot activities across shift changes
- Ability to communicate technical information/data to subject matter experts
- Physical labour assignments as required

Experience

- Education: Technical diploma in Chemical/Mechanical Engineering/Chemistry, 3rd or 4th class power engineering, or have applicable plant operations experience
- Experience: **2+ years** work experience in a chemical/industrial plant or testing facility is beneficial
- Mechanically inclined and hands-on experience with equipment maintenance and repair
- Ability to read and understand piping and instrumentation diagrams (P&ID's)
- Experience with control systems via human machine interface (HMI) or SCADA
- Strong analytical and problem-solving skills
- Familiarity with operating motorized equipment such as forklift, telescopic man lifts, scissor lifts is beneficial
- 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 or oil and gas
- Be a self-starter with the ability to work independently or as part of a team, to meet 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.
- 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.

Work schedule:

- 12 hours shift (4 day on /4 day off schedule including days, nights and weekends shift pattern)

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

Carbon Engineering is committed to creating a diverse environment and is proud to be an equal opportunity employer. All qualified applicants are encouraged to apply and will receive equal consideration for employment regardless of race, colour, religion, gender, gender identity or expression, sexual orientation, national origin, disability, or age.