

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.