

## 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 values a safe and secure work environment and who understands industrial processes, operations, equipment, and laboratory analytics. The ideal candidate will have 2 to 6 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.
  - Perform lab sampling and analysis.
  - Adjust process parameters to achieve targeted results outlined in test plans.
- Operate equipment to capture CO<sub>2</sub> from the atmosphere.
  - Execute troubleshooting analysis of Plant equipment.
  - Perform safety checks and audits.
  - Identify, report and resolve unsafe conditions, processes or actions within the workplace.
  - Monitor parameters using HMI and routine plant walk throughs.
- Maintain a well-organized site and exceptional housekeeping standards.
- Track pilot activities across shift changes.
- Physical labour assignments as required.
- 12-hour shifts following a 4 on / 4 off shift pattern to maintain 24/7 operations.

## Experience

- Education: Technical diploma in Chemical or Mechanical Engineering or Chemistry. Candidates that have applicable plant operations experience will be considered.
- Experience: Minimum of 2 years of technical work in a chemical/industrial plant or testing facility.
- 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).
- 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 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.

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