

Assembly Technician (R&D)

Company Description

BC Research Inc., BCRI (www.bcri.ca) is a privately-held Vancouver company specializing in developing innovative chemical processes from concept to commercialization. BCRI is part of the NORAM group of companies, which provide an established, vertically-integrated platform for commercializing innovative technologies from their conceptual phase through pilot plant testing and full-scale industrial production.

BC Research brings expertise across multiple industrial chemical sectors, with a proven record in the scale-up and design of novel chemical processes. BC Research is engaged in the clean tech sector, pulp and paper, oil and gas, mining and waste water industries.

Job Description

The Assembly Technician will be integrated to our pilot plant design and assembly team. He/she will report to the project manager on a project basis. He/she will assist in assembling pilot plants as directed and will be required to work independently and as part of a team. Pilot plant projects will be diverse in nature and will include novel technologies such as carbon capture and conversion processes, conversion of biomass to biofuels, novel chemical processes that make a direct impact on the operations of the oil and gas industry, and other related areas.

Responsibilities

- Assist on the assembling of pilot plants including:
 - Metal fabrication
 - Pipe fitting
 - Plastic welding
 - Solvent welding
- Design of equipment support systems.
- Design of simple mechanical modules.
- Work with procurement to procure materials and services.
- Draft skids and pilot plants.

Qualifications

- 5+ years' relevant experience.
- Experience working with tools in the assembly of systems.
- Experience with welding techniques.
- Experience machining.
- Experience in the design, specification and installation of mechanical systems.

- Heavy industrial or fabrication experience.
- Strong understanding of safe work procedures.
- Previous experience with 3D drafting(SolidWorks) would be an asset.
- Excellent organization, interpersonal, verbal and written communication skills.
- Must be eligible to work in Canada.
- Must be fluent in English.