

Job Opportunity



(Senior / Staff) Engineer

International CCS Knowledge Centre

Location: Regina, Saskatchewan / Calgary, Alberta
(remote work locations may be considered for suitable applicants)

Closing Date: *until positions are filled*

Resume and cover letter to be sent to info@ccsknowledge.com

WHO WE ARE

International CCS Knowledge Centre

The International CCS Knowledge Centre is a non-profit organization founded in 2016 by BHP and SaskPower to advance large-scale carbon capture and storage (CCS) projects as a critical means of managing greenhouse gas emissions and achieving the world's ambitious climate goals.

The Knowledge Centre provides independent, expert advisory services for CCS projects across heavy-emitting industries based on our team's unique experience developing the world's first fully integrated post-combustion CCS facility on a coal-fired power plant. We have a proven track record of helping our clients lower costs, reduce risk and improve the performance of CCS projects across industries and technology platforms using the latest knowledge and lessons learned from major projects across the globe.

We also provide input to policy development and promote broad collaboration between stakeholders to enhance understanding of the critical role CCS plays in global decarbonization efforts and accelerate the deployment of new CCS projects around the world.

Learn more: ccsknowledge.com

WHO YOU ARE

(Senior / Staff) Engineer

As part of the Project Development & Technical Services team, the (Senior / Staff) Engineer will be part of a multi-disciplinary team that provides technical advisory services to clients across all industrial sectors related to the application of carbon capture technology.

Services include feasibility studies, technical reports, technology selection, process design optimization, constructibility, reliability and maintainability reviews, application of lessons learned, as well as addressing health and safety considerations.

We are looking for engineers that are passionate about the implementation of carbon capture technologies.

In addition to engineering roles, there is an opportunity for project management and leadership roles, as required.

RESPONSIBILITIES

- Preparation of project plans, cost estimates, schedules, and deliverable lists.
- Provide technical expertise and direction to multi-disciplinary project teams during the problem definition and optioneering phases of design projects.
- Ability to apply expertise and knowledge to technical projects and studies, finding innovative, cost-effective means to improve project outcomes.
- Identify and keep abreast of new developments in the carbon capture utilization and storage sector.
- Perform engineering calculations.

QUALIFICATIONS

- Bachelor's Degree in Engineering.
- Hold a Professional Engineering designation (P.Eng.).
- Minimum seven years of experience in one or multiple of these engineering areas executing engineering studies, project planning, engineering design, construction, operations, commissioning, and project management.

PREFERRED QUALIFICATIONS

- Knowledge of carbon capture technologies including amine post-combustion and emerging technologies.
- Knowledge of hydrogen production equipment and the application of pre- or post-combustion carbon capture technologies.
- Experience producing, reviewing and optimizing process flow and heat-and-mass-flow diagrams, as well as site layouts and knowledge of process simulation.
- Ability to monitor project cost, schedule, and earned value performance to ensure client satisfaction.
- Ability to present and explain proposals, progress and final reports, and study results to internal management as well as to clients and stakeholders.
- Strong technical writing skills.

A suitable combination of relevant education and experience may also be considered.

This posting represents the desired scope, accountabilities, skills, and experience requirements of the job. These requirements may be modified to support business needs. Title and compensation administration will be based on the skills and capabilities of the successful incumbent.

We thank all applicants for their interest in this position. Please note that we will only be in contact with those individuals selected to move forward through the application process.