

Job Profile

Junior Engineer

Job Title:	Junior Field Engineer/Geoscientist/Engineering Technologist	Job Category:	Staff
Location:	Brooks, Alberta, Canada	Travel Required:	Occasional, 1-2 x per month to office in Calgary
Level/Salary Range:		Position Type:	Permanent, Full-Time
Reports to:	Manager of Subsurface Research	Date posted:	August 19, 2026

Job Description

Carbon Management Canada (CMC) is seeking a motivated and technically skilled Junior Engineer to support operations and research activities at the Field Research Station (FRS), a pilot-scale carbon capture and storage (CCS) research facility dedicated to advancing subsurface carbon storage technologies, subsurface, surface and atmospheric monitoring systems, and applied research activities.

This is a new position being added to expand CMC's on-site technical and research capacity at the FRS. The role will provide dedicated technical support to CMC's growing research, monitoring and field-testing activities and will work collaboratively with existing FRS operations staff and CMC's scientific team.

The successful candidate will work closely with clients, scientists, and field technicians to support day-to-day site operations, field experiments, data acquisition, instrumentation maintenance, and technical project execution related to both the CO₂ injection monitoring program and atmospheric methane-controlled release testing.

This position offers an excellent opportunity for early-career engineers interested in carbon management, subsurface engineering, field operations, and emerging technologies related to measurement, monitoring and verification (MMV) in the energy transition.

Key Responsibilities

Field Operations Support

- Provide technical and field support for the day-to-day operation of both test facilities at the CMC Field Research Station (CaMi and AFE)
- Support CO₂ injection monitoring activities, deployment, troubleshooting and maintenance

- Support methane-controlled release test programs, troubleshooting and maintenance
- Coordinate technical and research activities with existing staff, contractors, and researchers with collaborator organizations
- Collect, validate, and organize operational and research data
- Prepare technical reports, operating procedures, and engineering summaries

Research Support

- Support field research activities related to carbon storage monitoring technologies development and methane emissions detection and quantification technologies
- Assist research teams who are conducting experimental programs for subsurface, surface and atmospheric monitoring
- Participate in data processing, analysis, interpretation and reporting under the guidance of scientific staff
- Contribute to validation of new monitoring technologies

Health, Safety, and Compliance

- Follow site safety procedures and operational protocols
- Participate in hazard assessments and field safety planning; conduct safety orientations for visitors to site if needed.
- Submit AER compliance reporting

Qualifications

Required

- Bachelor's degree in **Environmental Engineering, Geosciences, Engineering Technology** or other related discipline
- 1-5 years of relevant experience; includes time spent in relevant co-op program.
- Strong technical troubleshooting and problem-solving skills
- Ability to work in year-round outdoor field conditions and operational environments
- Strong communication and teamwork skills
- Valid driver's license

Preferred

- Experience with field instrumentation, data acquisition systems and technical reporting
- Familiarity with Windows architecture, Python and Vista

About CMC

Carbon Management Canada Inc. (CMC) is a Canadian non-profit organization that partners with innovators, researchers, and industry to accelerate technologies that reduce carbon

emissions. Founded in 2009 as a National Centre of Excellence at the University of Calgary, CMC transitioned to an independent applied research organization after the program concluded. CMC is governed by an independent, volunteer Board of Directors and maintains ties to the University through its campus location and board representation.

CMC delivers applied research and services in geological CO₂ storage, validation of fugitive methane monitoring technologies, and education and outreach to support large-scale Carbon Capture, Utilization & Sequestration (CCUS) deployment. CMC operates a field research site that includes facilities for injecting and monitoring CO₂ for geological storage, as well as a facility for fugitive methane emissions research and testing.

For more information on CMC's field operations, projects, and partnerships, visit cmcghg.com

CMC is an equal opportunity employer with a diverse staff and a collaborative team culture. CMC offers a competitive compensation package

Note: CMC incentive programs have certain eligibility requirements and may be subject to employment type.

How to Apply

Send your resume and cover letter to admin@cmcghg.com by 11:59 pm on September 11, 2026.

Applicants must be legally eligible to work in Canada at the time of application to be considered. Please note, only those candidates chosen to continue through the selection process will be contacted.

Carbon Management Canada
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