



Indigenous.Link

Canada's fastest growing Indigenous career portal, Careers.Indigenous.Link is pleased to introduce a new approach to job searching for Indigenous Job Seekers of Canada. Careers.Indigenous.Link brings simplicity, value, and functionality to the world of Canadian online job boards.

Through our partnership with Indigenous.Links Diversity Recruitment Program, we post jobs for Canada's largest corporations and government departments. With our vertical job search engine technology, Indigenous Job Seekers can search thousands of Indigenous-specific jobs in just about every industry, city, province and postal code.

Careers.Indigenous.Link offers the hottest job listings from some of the nation's top employers, and we will continue to add services and enhance functionality ensuring a more effective job search. For example, during a search, job seekers have the ability to roll over any job listing and read a brief description of the position to determine if the job is exactly what they're searching for. This practical feature allows job seekers to only research jobs relevant to their search. By including elements like this, Careers.Indigenous.Link can help reduce the time it takes to find and apply for the best, available jobs.

The team behind Indigenous.Link is dedicated to connecting Indigenous Peoples of Canada with great jobs along with the most time and cost-effective, career-advancing resources. It is our mission to develop and maintain a website where people can go to work!

Contact us to find out more about how to become a Site Sponsor.

Corporate Headquarters:

Toll Free Phone: (866) 225-9067

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Job Board Posting



Careers.Indigenous.Link

Date Printed: 2024/05/07

Turbomachinery Engineer

Job ID 61553-en_US-2737

Web Address

https://careers.indigenous.link/viewjob?jobname=61553-en_US-2737

Company TC Energy

Location Calgary, AB

Date Posted From: 2020-03-03 To: 2050-01-01

Job Type: Full-time Category: Resource Sector

Description

Turbomachinery Engineer Reference Code: 61553 Location: Canada (CA) - Calgary, AB

Job Category: Engineering

Employment Type: Employee Full-time

Relocation Eligibility: This position is not eligible for our relocation program

Application Deadline: 07/09/2020 We all need energy. It warms our homes, cooks our food, gives us light, and gets us where we need to go. It also improves our quality of life in countless other ways. At TC Energy, our job is to deliver that energy to millions of people who depend on it across North America. And we take our job very seriously. Guided by our values of safety, integrity, responsibility and collaboration, we develop and operate our facilities safely, reliably and with care for our impact on the environment. With our presence across the continent, our people play an active role in building strong communities. We're proud of how our hard work and commitment sets us apart and benefits society, every day. We're looking for new team members who share our values and are ready to take on exciting challenges. The opportunity TC Energy has a career opportunity for an intermediate to senior Mechanical Engineer to join our Canada Gas Operations (CGO) division as Turbomachinery Engineer with a specialization in gas turbine Dry Low Emission combustion systems. In this position you will report to the Manager of the CGO Facility Integrity & Reliability Engineering team within the Operations Services department. Technical aptitude and problem-solving skills will be critical to your success as you provide engineering support for turbomachinery and related systems. What you'll do

- Provide engineering support for turbomachinery and related systems that requires knowledge in rotating equipment, engineering, operation and maintenance, technical knowledge, and coordination in:

- Tuning of combustion systems for acoustics/noise and emissions performance
- System level modeling and integration of turbomachinery
- Detailed turbomachinery analysis including aerodynamic, rotor dynamics, bearings, seals,
- Support Performance testing and monitoring of compressors
- Condition monitoring
- Failure Investigation
- Assist in development of engineering integrity & reliability programs including budgets,

decision summaries detailing investment valuation, scope and justification for projects

- Enhance, improve and develop procedures and specifications with sphere of influence.
- Work to ensure that project designs of systems are fit-for-purpose and demonstrated to meet engineering specifications and project development expectations (such as performance and cost) as well as safety, engineering, quality, regulatory, environmental, commercial, operating, and maintenance requirements
- Participate in hazard analysis and risk assessment on engineered systems and equipment
- Application of engineering principles, codes, and standards to identify issues, recommend improvements and assist in implementing solutions
- Providing technical support, specification, design review, fabrication, construction and commissioning support

Minimum Qualifications

- Bachelor's degree in Mechanical Engineering, or equivalent technologist degree with relevant technical experience, as recognized by APEGA
- Minimum 8 to 12 years of progressive experience, experience in pipeline, process or power facilities is preferred
- Hands-on experience in the mapping and tuning of aero-derivative and light industrial gas turbines, including familiarity with fuel control systems and mapping processes of major gas turbine vendors
- Knowledge of combustion acoustic and vibration hardware measurement systems and signal processing techniques
- Knowledge of emissions measurement systems, test protocols and codes
- Eligible for registration as a Professional Engineer in Alberta
- An alternate combination of education and experience may be considered

Preferred Qualifications

- Demonstrated technical aptitude and business acumen with the ability to short-term and long-term technical solutions
- Ability to multi-task within a team environment
- Excellent interpersonal and written communication skills with the ability to build and maintain effective business relationships
- Demonstrated ability to initiate change and help others adapt to a continuously changing work environment
- Knowledgeable of applicable industry codes and standards
- Excellent analytical and problem-solving skills
- Ability to apply engineering principles, codes and standards to identify issues, recommend improvements and implement solutions
- Ability to adapt to changing business priorities
- Self-motivated and results-driven
- Possesses performance monitoring and troubleshooting skills
- Excellent time management skills

*This position requires candidates to:

- Have and maintain a valid Driver's License
- Provide a driver's abstract for review

About our business Our 57,500-mile natural gas pipeline network is positioned in two of the most prolific and lowest cost basins in North America – the Western Canadian Sedimentary Basin

(WCSB) and the Appalachian Basin. Our systems are well placed to meet the continent's growing demand for clean-burning natural gas by connecting the supply in these basins to important and growing markets across the continent. We supply more than 25 per cent of the clean-burning natural gas consumed daily across North America. Apply now! Apply to this posting by 07/09/2020 using reference code 61553. You must apply through our jobs system at jobs.tcenergy.com. Only applications submitted through our system will be acknowledged. Applications may be submitted using a mobile device or a desktop / laptop computer. TC Energy is an equal opportunity employer. Learn more Visit us at TCEnergy.com and connect with us on our social media channels for our latest news, employee stories, community activities, and other updates. Thank you for choosing TC Energy in your career search. * Depending on qualifications, the successful candidate may be offered a position at a more appropriate level and/or ladder.* Applicants must have legal authorization to work in the country in which the position is based with no restrictions.* All positions require background screening. Some require criminal and/or credit checks to comply with regulations. * TC Energy is committed to provide employment opportunities to all qualified individuals, without regard to race, religion, age, sex, color, national origin, sexual orientation, gender identity, veteran status, or disability. Accommodation for applicants with disabilities is available on request during the recruitment process. Applicants with disabilities can request accessible formats or communication supports by contacting careers@tcenergy.com.

For more information, visit [TC Energy](https://TCEnergy.com) for Turbomachinery Engineer