



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:

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Job Board Posting



Careers.Indigenous.Link

Date Printed: 2024/05/07

EIT - Track Design, Standards and Welding

Job ID 77428-en_US-2494

Web Address

https://careers.indigenous.link/viewjob?jobname=77428-en_US-2494

Company Canadian Pacific

Location Calgary, AB

Date Posted From: 2020-02-11 To: 2050-01-01

Description

- Req ID: 77428
- Department: Mechanical Loco
- Job Type: Full-Time
- Position Type: Non-Union
- Location: Calgary, Alberta
- Country: Canada
- % of Travel: 30-40%
- # of Positions: 1
- Job Grade: 5
- Compensation Rate:
- Job Available to: Internal & External
- Deadline to apply: 03/01/2020

Canadian Pacific is a transcontinental railway in Canada and the United States with direct links to major ports on the west and east coasts, providing North American customers a competitive rail service with access to key markets in every corner of the globe. CP is growing with its customers, offering a suite of freight transportation services, logistics solutions and supply chain expertise. Visit cpr.ca to see the rail advantages of CP. **PURPOSE OF THE POSITION:**The Engineer in Training (EIT) employee is responsible for developing an expertise in Track Design, Standards, and Welding. Track design and standards are critical at CP for all linear asset installation, maintenance, and repair. CP collects vast amounts of data to support these functions and a major responsibility of this position is to process these data to drive improvements. Another critical component in repairing track is welding. Welding processes at CP require detailed instructions and staff development through training. Understanding existing design, standards, and welding practices will be a short term component of the position and the employee is expected to use these understandings, available data sources, engineering analysis, and new technologies to drive process and standard improvements. A vision of technology integration to reduce risk for railway operations is strongly encouraged as this role develops. The employee will also need to participate in industry committees and work side by side with regulatory bodies such as Transport Canada, the Transportation Safety Board, the Federal Railroad Association (FRA), and the National Transportation Safety Board

(NTSB). POSITION ACCOUNTABILITIES: Develop an expertise in design and track standards; Develop an expertise in welding and welding processes; Use data based on incident analysis such as, but not limited to derailments (both FRA and non-FRA) to drive improved designs working with the design team and documenting standards; Support the roll-out of welding training facilities by interacting with welding quality managers and the CP test department; Use engineering analysis to drive optimizing track designs and to ensure design safety; Drive business case developments for new technology purchases and/or process integrations to improve railway safety and efficiency; Support continuous improvement of existing technology and further development of standards and processes; Adhere to Canadian Pacific's health and safety policy.

POSITION SKILLS:

- Ability to use Computer Aided Design (CAD) software;
- Ability to perform engineer analysis using finite element software;
- Ability to process large amounts of image data;
- Ability to improve and support development of business rules, and/or incorporate new technologies to improve safety and operational efficiency;
- Ability to record data and support calculations of accuracy and reliability statistics;
- Ability and drive to drill down to determine root causes of incidents;
- Ability to work on parallel projects;
- Ability to work outside of defined scopes and diverse projects;
- Willingness to learn and think outside the box;
- Possess strong interpersonal and communication skills both written and verbal;
- Desire to develop into a people leader.

POSITION REQUIREMENTS: Must have an Engineering degree from an accredited university in Civil, Mechanical, Aerospace or similar discipline; Must be registered as an Engineer in Training with APEGA or eligible for registration; Must have experience with design and finite element modeling; Track experience an asset; Welding experience an asset; Practical hands-on experience (automotive repair, robotics, furniture) an asset; Operational environment experience drilling down and driving solutions an asset; Ability to travel mostly to domestic locations and respond to calls occasionally after hours and on weekends; Must be able to write clear and concise reports which will be distributed to high level management; Must hold a full stage Class 5 driver's permit; Must hold a Canadian Passport with the ability to travel to the United States, Mexico, Europe, and Asia.

WHAT CP HAS TO OFFER:

- Flexible and competitive benefits package
- Competitive company pension plan
- Employee Share Purchase Plan
- Performance Incentive Program
- Annual Fitness Subsidy

ADDITIONAL INFORMATION: As an employer with national presence, the possibility does exist that the location of your position may be changed based on organizational requirements. Background Investigation: The successful candidate will need to successfully complete the following clearances:

- Criminal history check
- Reference check

Management Conductor Program: Becoming a qualified conductor or locomotive engineer is the

single best way for a management employee to learn the business at CP. You may be required to obtain a certification or to maintain your current certification/qualification as a conductor or locomotive engineer. CP is an equal opportunity employer committed to the principles of employment equity and inclusion. We welcome applications from all qualified individuals. All applicant information will be managed in accordance with the federal Personal Information Protection and Electronic Documents Act ("PIPEDA").

For more information, visit [Canadian Pacific for EIT - Track Design, Standards and Welding](#)