



# 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

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## Engineering Technologist

<b>Job ID</b>	<b>oyWEIfwd-13085-5310</b>	
<b>Web Address</b>	<a href="https://careers.indigenous.link/viewjob?jobname=oyWEIfwd-13085-5310">https://careers.indigenous.link/viewjob?jobname=oyWEIfwd-13085-5310</a>	
<b>Company</b>	EPCOR	
<b>Location</b>	Edmonton, Alberta	
<b>Date Posted</b>	From: 2022-11-18	To: 2050-01-01
<b>Job</b>	Type: Full-time	Category: Utilities

### Description

Highlights of the job

We are hiring one (1) full-time permanent Engineering Technologist position working out of Edmonton, AB. This position reports to the Manager, Franchise Engineering. As the Technologist, Engineering, you will be accountable for overhead and underground electric distribution design, cost estimating, and liaising with customers. In addition, you will complete design and coordinate project work. What you'd be responsible for

Ensuring thorough, accurate and prompt delivery of overhead and underground electric distribution designs and cost estimates. Performing detailed designs (conversions, relocations, service connections, & system upgrades) on both overhead and underground distribution systems - 5 kV, 15 kV & 25 kV. Ensuring all designs are in compliance the Alberta Electrical Utility Code, the Canadian Electrical Code, and EPCOR Distribution Standards. Performing field visits to ensure design standards are met and are in compliance with the Alberta Electrical Utility Code, the Canadian Electrical Code, and EPCOR Distribution Standards. Providing technical assistance to project managers, contractors, field crews and customers for the purposes of conforming to the Canadian Electrical Code, the Alberta Electrical Utility Code and EPCOR Distribution Standards. Coordinating work with project managers, drafters, field crews, contractors and customers for various projects taking place throughout the City of Edmonton. Providing detailed cost estimates to project managers, contractors, customers and regulatory and accounting staff to ensure project budgets are accurate and provide variance explanations if required. Interfacing with internal and external clients and stakeholders including: developers, utility customers, Distribution Planning, Asset Management, Telus, and the City of Edmonton. Preparing, reviewing and marking for changes detailed structural and electrical drawings including schematics, profiles, site drawings, circuit layouts, cadastral plans, etc. Reviewing Land Titles and Right of Way documents for preparation of easements. Preparing railway, pipeline and right-of way crossing drawings as required. Preparing design and construction packages for Distribution design projects using required software including GE Electric Office, Microstation and IVARA. Performing engineering calculations, such as: Wire sag, tension and swing Calculation of the most economic ruling span Wire clearances Pole selection based on calculated loadings (wind, snow/ice, equipment and conductors) Guy and anchor calculation and analysis Secondary wire sizing and loading Load calculation to ensure proper transformer sizing and

loadingVoltage drop calculationsCable pulling calculations

What's required to be successful

2-year diploma in electrical or civil engineering technology from a recognized technical institute is required0-3+ years of related experience is required.Understand principles of electricity and structural designKnowledge of electrical distribution systems and associated design and construction issuesKnowledge of design and drafting standards for distribution systemsStrong working knowledge of Microsoft Office programsExperience with SAG10, SPIDAcad, GE Electric Office and Microstation would be considered an assetAbility to perform calculations for designs and set guidelines for draftingExcellent written and verbal communication skillsValid Alberta Driver's License, with no more than 6 demerits. A driver abstract will be required.

As the successful Engineering Technologist, you use your communication skills to convey your subject matter expertise to stakeholders. You collaborate with others and look for opportunities to work smarter and improve processes. You take initiative, adapt to change and take pride in the work you do.Other important facts about this job

Jurisdiction: CSUClass: T1 Wage: Starting at \$36.10 per hour. Wage will be determined at the time of selection and is based on a combination of factors as outlined in the CA that may be found online. This rate may change subject to ratification of a new collective agreement.Hours of work: 75 hours biweeklyApplication deadline: December 4, 2022EPCOR employees: Please ensure that you are using your "@epcor.com" email address. Please note the following information:A requirement of working for EPCOR is that you are at least 18 years of age, successfully attained a high school diploma (GED, or equivalent level of secondary education) and legally entitled to work in Canada. (A copy of a valid work permit may be required.)If you are considered for the position, clearance on all applicable background checks (which may include criminal, identity, educational, and/or credit) and professional reference checks is required. Some EPCOR positions require an enhanced level of background assessment, which is dictated by law. These positions require advanced criminal record checks that must also be conducted from time to time after commencement of employment.A technical/practical assessment may be administered during the selection process and this exercise will be used as a part of the selection criterion.To meet the physical demands required of some positions, candidates must be in good physical condition and willing to work in all weather conditions. Clearance on pre-placement medical and drug and alcohol testing may be required.

For more information, visit EPCOR for Engineering Technologist