



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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Technical Officer, Electrical Standards / Agent ou agente technique, Étalons d'électricité

Job ID	46-39-03-A1-A0-A9	
Web Address	https://careers.indigenous.link/viewjob?jobname=46-39-03-A1-A0-A9	
Company	National Research Council Canada	
Location	Ottawa, Ontario	
Date Posted	From: 2024-04-26	To: 2024-05-17
Job	Type: Full-time	Category: Industrial
Job Salary	From \$58,445 To \$80,040 Per Annum.	
Languages	English	

Description

Help bring research to life and drive your career forward with the National Research Council of Canada (NRC), Canada's largest research and technology organization.

We are looking for a Technical Officer, Electrical Standards to support our Metrology Research Centre. The Technical Officer would be someone who shares our core values of Integrity, Excellence, Respect and Creativity.

The Technical Officer provides technical (electrical, electronic, computer, mechanical, organizational, logistical and other) support, and systems oversight in the day-to-day operations of the Electrical Standards Team.

We are looking for a hands-on person that will be proficient in a physics lab setting. The Technical Officer will divide their time between performing calibration services for internal and external clients and supporting the Electrical Standards Team's research and development activities.

The Technical Officer will:

- Set up and troubleshoot experiments, experimental equipment and calibration apparatus;
- Develop computer interfacing and programs to communicate with electronic equipment;
- Work with clients to arrange and schedule calibration services;
- Calibrate internal and external client equipment;
- Acquire and analyse data in detail, report results and keep records;
- Work with other team members to schedule equipment maintenance and procedure validation;
- Order supplies and equipment from manufacturers for team members;
- Help design, construct and maintain advanced, custom electronic and mechanical equipment for scientific apparatus;
- Conduct internal audits and external assessments for colleagues or NRC clients.

Contribuez à la réalisation de travaux de recherche stratégiques et poursuivez une carrière prometteuse au Conseil national de recherches du Canada (CNRC), la plus grande organisation de recherche et de technologie au Canada. Nous souhaitons embaucher un agent technique ou une agente technique, Étalons d'électricité en vue de soutenir le Centre de recherche en Metrologie. La personne choisie doit partager nos valeurs fondamentales relatives à l'intégrité, à l'excellence, au respect et à la créativité.

L'agent ou l'agente technique fournit un soutien technique (électrique, électronique, informatique, mécanique, organisationnel, logistique et autre) ainsi qu'une surveillance des systèmes dans les opérations quotidiennes de l'équipe des Étalons d'électricité.

Nous cherchons une personne au sens pratique qui maîtrise le milieu d'un laboratoire de physique. L'agent ou l'agente technique partagera son temps entre la prestation de services d'étalonnage pour les clients internes et externes et le soutien aux activités de recherche et de développement de l'équipe des Étalons d'électricité.

L'agent ou l'agente technique devra :

- Mettre en place et dépanner les expériences, les équipements expérimentaux et les appareils d'étalonnage;
- Développer des interfaces informatiques et des programmes pour communiquer avec des équipements électroniques;
- Travailler avec les clients pour organiser et planifier les services d'étalonnage;
- Étalonner les équipements de clients internes et externes;

- Acquerir et analyser les donnees en detail, rapporter les resultats et tenir des registres;
- Travailler avec les autres membres de l'equipe pour planifier la maintenance des equipements et la validation des procedures;
- Commander des fournitures et des equipements aupres des fabricants pour les membres de l'equipe;
- Aider a concevoir, construire et entretenir des equipements electroniques et mecaniques avances et personnalises pour les appareils scientifiques;
- Effectuer des audits internes et des evaluations externes pour des collegues ou des clients du CNRC.

Experience

Experience working in a laboratory setting and with equipment found in physics labs, such as oscilloscopes, power supplies, data acquisition systems, vacuum systems, etc.;

Experience in general programming and computer interfacing and control of instruments by computer (for instance with C++, LabVIEW, Visual Basic or Python);

Experience making precision electrical measurements;

Experience in electronics including design, layout, part specification, construction, testing and troubleshooting for digital and analog electronics;

Experience in managing day-to-day laboratory operations including infrastructure support and preventative maintenance, home-built and commercial equipment upgrades, testing and troubleshooting;

Experience with small power tools and workshop equipment; and

Experience with quality systems is an asset (for example ISO 17025).

Experience de travail en laboratoire et avec des equipements trouves dans les laboratoires de physique, notamment des oscilloscopes, des blocs d'alimentation electriques, des systemes d'acquisition de donnees, des systemes a vide, etc.;

Experience en programmation generale et en interface informatique et controle d'instruments par ordinateur (par exemple avec C++, LabVIEW, Visual Basic ou Python);

Experience dans la realisation de mesures electriques de precision;

Experience en electronique, y compris la conception, la disposition, la specification des pieces, la construction, les tests et le depannage pour l'electronique numerique et analogique;

Experience dans la gestion des operations quotidiennes de laboratoire, y compris le soutien aux infrastructures et la maintenance preventive, la mise a niveau des equipements de fabrication interne et commerciale, les tests et le depannage;

Experience avec les petits outils electriques et les equipements d'atelier d'usinage; et

Experience avec les systemes de qualite est un atout (par exemple ISO 17025).

Education Requirements

A Technical College diploma or Bachelor's degree in electrical engineering, physics, or closely related field. An equivalent combination of experience and education may also be considered.

Un diplome d'etudes collegiales techniques ou un baccalaureat en genie electrique, en physique ou dans un domaine etroitement connexe. Une combinaison equivalente d'experience et de formation peut egalement etre consideree.

Essential Skills

Knowledge of data acquisition systems & components

Knowledge of laboratory measurement devices

Knowledge related to performing accurate electrical measurements

Knowledge of electrical and electronics engineering principles

Knowledge of scientific programming languages on Windows platforms for applications relating to automating measurement systems, data acquisition & analysis

Knowledge of MS Office software & ability to perform data analysis & write calibration reports using such software

Ability to perform electrical & mechanical troubleshooting, soldering (including surface mount), & machining

Ability to work safely with high voltage electrical equipment

Ability to design, construct & maintain advanced equipment

Ability to pay attention to detail, use patience & perseverance, & repeat all steps as required while investigating & validating instrumentation to achieve the highest quality measurements

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Connaissance de systemes et de composants d'acquisition de donnees

Connaissance d'appareils de mesure en laboratoire

Connaissances liees a l'execution de mesures electriques precises

Connaissance de principes du genie electrique et electronique

Connaissance de langages de programmation scientifique sur plateformes Windows pour les applications liees a l'automatisation des systemes de mesure, a l'acquisition et a l'analyse de donnees

Connaissance des logiciels MS Office et capacite a effectuer des analyses de donnees et a rediger des rapports d'etalonnage a l'aide de ces logiciels

Capacite a effectuer le depannage electrique et mecanique, le soudage et l'usinage

Capacite a travailler en toute securite avec des equipements electriques a haute tension

Capacite a concevoir, construire & entretenir des equipements de pointe

Capacite a porter attention aux details, a faire preuve de patience et de perseverance & a repeter toutes les etapes au besoin lors de l'etude et de la validation d'instruments afin d'obtenir des mesures de la plus haute qualite possible

How to Apply

Click "Apply Now"