



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

Toll Free Fax: (877) 825-7564

L9 P23 R4074 HWY 596 - Box 109

Keewatin, ON P0X 1C0

Job Board Posting



Careers.Indigenous.Link

Date Printed: 2024/05/07

Technical Officer, Optical Metrology/Agent Ou Agente Technique, Metrologie Optique

Job ID	47-E3-B8-37-47-82	
Web Address	https://careers.indigenous.link/viewjob?jobname=47-E3-B8-37-47-82	
Company	National Research Council Canada	
Location	Ottawa, Ontario	
Date Posted	From: 2023-06-06	To: 2023-07-05
Job	Type: Full-time	Category: Engineering
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, Optical Metrology 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 calibration services to clients and technical (electrical, electronic, computer, mechanical, organizational, logistical and other) support, and systems oversight in the day-to-day operations of the Photometry and Spectrophotometry team.

KEY ACTIVITIES

Monitors and regular validation of P&S equipment, electronic and computer systems in the P&S labs. Initiates and executes system repairs and upgrades. Completes general lab optics and mechanical equipment assembly and installation. Maintain, troubleshoot and validate performance of custom high precision optical instrumentation.

Contribuez a la realisation de travaux de recherche strategiques et poursuivez une carriere 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 ou une agente technique, Metrologie optique en vue de soutenir le Centre de recherche en Metrologie. La personne choisie doit partager nos valeurs fondamentales relatives a l'integrite, a l'excellence, au respect et a la creativite.

L'agent ou l'agente technique offre des services d'etalonnage aux clients et fournit un soutien technique (electrique, electronique, informatique, mecanique, organisationnel, logistique et autre) et une surveillance des systemes dans les operations quotidiennes de l'equipe responsable de la photometrie et de la spectrophotometrie.

PRINCIPALES ACTIVITES

Assurer un controle et une validation reguliere de l'equipement de photometrie et de spectrophotometrie ainsi que des systemes electroniques et informatiques dans les laboratoires de photometrie et de spectrophotometrie. Entreprendre et effectuer les reparations et les mises a niveau des systemes. Effectuer l'assemblage et l'installation de l'equipement optique et mecanique de laboratoire. Maintenir et valider le rendement des instruments optiques personnalisés de haute precision, et resoudre les problemes connexes.

Experience

Significant hands-on experience in programming and computer interfacing applied to the control of instruments;

Significant hands-on experience in advanced optics and optical instrumentation;

Experience working in a scientific laboratory or testing facility performing precision measurements;

Experience working independently on simultaneous projects; and

Experience in electronics and mechanical design (including design, layout, component specification, construction, testing and troubleshooting).

Experience pratique appreciable de la programmation et de l'interface informatique appliquees au controle des instruments;

Experience pratique appreciable du domaine de l'optique avantee et de l'instrumentation optique;
Experience de travail dans un laboratoire scientifique ou une installation d'essai effectuant des mesures de precision;
Experience du travail autonome sur des projets simultanes; et
Experience de la conception electronique et mecanique (y compris la conception, la disposition, la specification de composants, la construction, l'essai et le depannage).

Education Requirements

A Bachelor's Degree or College Diploma in Physics or Engineering with emphasis in optics.

Baccalaureat ou diplome d'etudes collegiales (technologue) en physique ou en genie avec une specialisation en optique.

Essential Skills

Demonstrated solid knowledge in fundamental principles of optics;
Demonstrated capability in programming languages, computer interfacing and instrument control, as well as data analysis;
Demonstrated capability in design and implementation of data acquisition systems and components as well as analogue electronics;
Ability to identify problems with experimental techniques and/or approaches and suggest solutions;
Demonstrated competency in troubleshooting complex experimental apparatus; and
Demonstrated competency in design, construct and maintain advanced and custom scientific apparatus.

Connaissance solide averee des principes fondamentaux de l'optique;
Capacite averee en matiere de langages de programmation, d'interface informatique et de controle des instruments, ainsi que d'analyse des donnees;
Capacite averee de concevoir et de mettre en oeuvre des systemes et des composants d'acquisition de donnees ainsi que des dispositifs electroniques analogiques;
Capacite de trouver les problemes lies aux techniques et/ou approches experimentales et de proposer des solutions;
Competences averees en matiere de depannage d'appareils experimentaux complexes; et
Competences averees en matiere de conception, de construction et d'entretien d'appareils scientifiques avances et personnalises.

How to Apply

Click "Apply Now"