



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: 2024/05/18

Technical Officer, Materials Chemist/Agent Ou Agente Technique, Chimiste Des Materiaux

Job ID	D1-26-C2-CD-D7-13	
Web Address	https://careers.indigenous.link/viewjob?jobname=D1-26-C2-CD-D7-13	
Company	National Research Council Canada	
Location	Ottawa, Ontario	
Date Posted	From: 2024-04-09	To: 2024-05-01
Job	Type: Full-time	Category: Engineering
Job Salary	From \$49,298 To \$69,364 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, Materials Chemist to support our Aerospace Research Centre. The Technical Officer would be someone who shares our core values of Integrity, Excellence, Respect and Creativity.

The primary purpose of the position is to provide technical support services in the R&D projects related to the development of advanced aerospace coatings through conducting routine experiment/test, assisting in experimental design and analysis, and participating in laboratory and equipment management.

A typical day for the successful candidate will involve conducting experiment/test, collecting and recording experimental/test data, performing basic analysis, and discussing the result with his/her supervisor. You will be welcome to share your thoughts and recommendations to improve existing procedures. You will regularly assist with checking the performance and operating reliability of equipment and instruments; making adjustments and solving minor problems related to basic equipment malfunction; you will not be alone; the team will be there if you need guidance. You will also assist with the design of experimental/test procedures to develop or assess advanced polymeric coatings for aerospace applications. Carefully following the procedures and instructions, you will accomplish experiments and tests, including organic/polymer synthesis, material formulations and structural property characterization. Last but not less important, every task will be completed while respecting and promoting health and safety guidelines to ensure we all have a safe work environment.

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 technicien ou unetechicienne, Chimiste des materiaux en vue de soutenir le Laboratoire de recherche en vol (LRV) du Centre de recherche en aerospatiale. La personne choisie doit partager nos valeurs fondamentales relatives a l'integrite, a l'excellence, au respect et a la creativite.

L'objectif principal du poste consiste a assurer la prestation de services de soutien technique aux projets de recherche et developpement lies au developpement de revetements aerospaciaux avances en realisant des experiences ou essais de routine, en contribuant a la conception et a l'analyse experimentales et en participant a la gestion du laboratoire et de l'equipement.

La journee type de la personne retenue consistera a mener des experiences ou des essais, a recueillir et a enregistrer les donnees experimentales ou d'essai, a effectuer des analyses de base et a discuter des resultats avec son superviseur. Vous pourrez faire part de vos reflexions et de vos recommandations pour ameliorer les procedures existantes. Vous participerez regulierement a la verification de la performance et de la fiabilite de fonctionnement des equipements et des instruments; vous effectuerez des reglages et resoudrez des problemes mineurs lies au mauvais fonctionnement de l'equipement de base; vous ne travaillerez pas uniquement de facon autonome; l'equipe sera la si vous avez besoin de conseils. Vous participerez egalement a la conception de procedures experimentales ou d'essai pour developper ou evaluer des revetements polymeres avances pour des applications en aerospatiale. En suivant scrupuleusement les procedures et les instructions, vous realiserez des experiences et des essais, y compris la synthese organique ou polymerique, la formulation des materiaux et la caracterisation des proprietes structurelles. Enfin, et ce n'est pas le moins important, chaque tache sera accomplie dans le respect et la promotion des lignes directrices en matiere de sante et de securite afin de garantir a tous un environnement de travail sur.

Experience

Experience in conducting routine organic and polymer synthesis, performing structural and property characterization using common techniques such as, FTIR, UV-vis, DSC and TGA;

Experience in developing material test plans, setting up tests/experiments, conducting the tests/experiments, analyzing and documenting the results; and

Experience with the safe operation, routine maintenance/calibration/repair and/or installation of testing instruments and lab equipment.

Experience de la synthese organique et polymerique de routine, de la caracterisation de la structure et des proprietes a l'aide de techniques courantes, notamment la spectroscopie infrarouge a transformee de Fourier (IRTF), ultraviolette/visible (UV-VIS), la calorimetrie differentielle a balayage (DSC) et l'analyse thermogravimetrique;

Experience de l'elaboration de plans d'essai des materiaux, de la mise en place d'essais et d'experiences, de la conduite d'essais et d'experiences, de l'analyse et de la documentation des resultats; et

Experience du fonctionnement en toute securite, de l'entretien, de l'etalonnage, de la reparation ou de l'installation d'instruments d'essai et d'equipements de laboratoire.

Education Requirements

Post-secondary education in chemistry, polymer science/engineering, material science/engineering or other discipline related to the position.

Diplome d'etudes postsecondaires en chimie, en sciences ou genie des polymeres, en sciences ou genie des materiaux ou dans une autre discipline liee au poste.

Work Environment

Must be able to work in an ordinary laboratory environment with some exposure to hazardous materials/situations.

Doit etre capable de travailler dans un environnement de laboratoire ordinaire avec une certaine exposition a des matieres/situations dangereuses.

Additional Skills

Knowledge and hands-on skills of organic synthesis and polymer synthesis, analysis of structures and properties of polymers and formulated materials;

Ability of planning and undertaking material testing in an effective way, interpreting test results, identifying problems and troubleshooting;

Ability of handling hazardous materials and maintaining a safe lab environment;

Ability of maintaining and troubleshooting lab equipment; and

Ability to review technical drawings, instructions and specifications; and writing skills required to record technical data.

Connaissance et competences pratiques de la synthese organique et de la synthese polymerique, de l'analyse des structures et des proprietes des polymeres et des materiaux formules;

Capacite de planifier et de realiser des essais de matériaux de maniere efficace, d'interpreter les resultats des essais, de cerner les problemes et de les resoudre;

Capacite de manipuler des matieres dangereuses et de maintenir un environnement de laboratoire securitaire;

Capacite d'entretenir et de depanner les equipements de laboratoire; et

Capacite d'examiner les dessins techniques, les instructions et les specifications, et competences redactionnelles requises pour enregistrer les donnees techniques.

How to Apply

Click "Apply Now"