



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.

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Job Board Posting



Careers.Indigenous.Link

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Mechanical Technologist, Structural Integrity/Technologue En Mecanique, Integrite Structurale

Job ID	ED-51-0A-4B-AD-55	
Web Address	https://careers.indigenous.link/viewjob?jobname=ED-51-0A-4B-AD-55	
Company	National Research Council Canada	
Location	Ottawa, Ontario	
Date Posted	From: 2023-06-05	To: 2023-06-23
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 Mechanical Technologist, Structural Integrity to work within the Structural Integrity team of the Aerospace Research Centre. This position will support applied research in the areas of structural full scale testing, structural mechanics, testing design, testing measurements/instrumentation for structural integrity and certification tests. You would be someone who shares our core values of Integrity, Excellence, Respect and Creativity.

You will be responsible for the development and presentation of layup and assembly drawings in both 3D and 2D environment associated with the design of full-scale aircraft test rigs, structural inspection platforms and counterbalance systems utilizing Autodesk Inventor and/or CATIA V5.

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 ou une Technologue en mecanique, Integrite structurale, au sein de l'equipe de l'integrite structurale du Centre de recherche en aerospatiale. La personne qui occupera ce poste soutiendra la recherche appliquee dans les domaines des essais structuraux a grande echelle, de la mecanique des structures, de la conception des essais, des mesures d'essai et de l'instrumentation pour les essais d'integrite structurale et les essais de certification. La personne choisie doit partager nos valeurs fondamentales relatives a l'integrite, a l'excellence, au respect et a la creativite.

Vous serez responsable de l'elaboration et de la presentation des dessins de mise en place et d'assemblage dans les environnements 3D et 2D associes a la conception de bancs d'essai d'aeronefs en grandeur reelle, de plateformes d'inspection structurale et de systemes de contrepoids a l'aide des logiciels Autodesk Inventor et/ou CATIA V5.

Experience

Significant and recent experience utilizing Catia v5 and/or Autodesk Inventor to produce layout, manufacture, and assembly drawings in an engineering environment, working in 2D and 3D;

Significant and recent experience in the design of mechanical hardware and components to precise specifications (i.e. Bearings, Shafts, Surface Finish, Geometric Dimensioning and Tolerancing and use of datum's);

Significant experience in the assembly and manufacture of mechanical hardware and components to precise specifications;

Significant experience in structural design including fixture design, structural repair detailing, modelling and creating detail, instrumentation and inspection drawings;

Significant and recent experience organizing large and small projects while prioritizing assigned tasks; and

Significant experience with safe operation of hand and power tools.

Experience appreciable et recente de l'utilisation des logiciels CATIA V5 et/ou Autodesk Inventor pour produire des dessins d'amenagement, de fabrication et d'assemblage dans un environnement d'ingenierie, y compris le travail en 2D

et 3D;

Experience appreciable et recente de la conception de materiel et de composants mecaniques selon des specifications precises (c. a d. roulements, arbres, finition de surface, tolerancement dimensionnel et geometrique, et utilisation de points de reference);

Experience appreciable de l'assemblage et de la fabrication de materiel et de composants mecaniques selon des specifications precises;

Experience appreciable de la conception de structures, y compris la conception d'accessoires, le detailage des reparations structurelles, la modelisation et la creation de dessins detailles, d'instrumentation et d'inspection;

Experience appreciable et recente de l'organisation de projets de petite et grande envergure, tout en etablissant des priorites pour les taches assignees; et

Experience appreciable de l'utilisation en toute securite d'outils manuels et electriques.

Education Requirements

Diploma from an Institute of Technology (3-year program) in the Mechanical discipline. Other combinations of education and experience may be considered.

Diplome d'un institut de technologie (programme de 3 ans) dans le domaine de la mecanique. D'autres combinaisons d'etudes et d'experience peuvent etre considerees.

Essential Skills

Demonstrated ability to self-manage multiple concurrent design projects and appropriately balance work load in order to maintain project schedules;

Demonstrated ability to design, plan, carry out mechanical testing and collect test data, including both static and fatigue testing;

Demonstrated ability to use current versions of Autodesk Inventor and/or CATIA v5;

Knowledge of hydraulic equipment including, actuators valves, and pumps;

Ability to operate machine shop equipment and other fabrication equipment used for both fabrication and assembly processes;

Demonstrated ability to use Geometric Dimensioning and Tolerancing;

Demonstrated ability to produce clear and accurate engineering drawings in a multi-task rapid paced environment with minimum supervision both individually and as part of a design team.

Capacite manifeste de gerer de maniere autonome plusieurs projets de conception simultanes et de bien equilibrer la charge de travail pour respecter les calendriers de projet;

Capacite manifeste de concevoir, de planifier et d'effectuer des essais mecaniques et de recueillir des donnees d'essai, a la fois pour les essais statiques et de fatigue, concernant des matériaux et des structures du domaine de l'aerospatiale;

Capacite d'utiliser les versions actuelles des logiciels Autodesk Inventor et/ou CATIA V5;

Connaissance de l'equipement hydraulique, y compris les actionneurs, les valves et les pompes;

Capacite a faire fonctionner des equipements d'atelier d'usinage et d'autres equipements de fabrication utilises dans le cadre des procedes de fabrication et d'assemblage;

Capacite manifeste d'utiliser le tolerancement dimensionnel et geometrique;

Capacite manifeste de produire des dessins techniques clairs et precis dans un milieu multitache ou les activites se deroulent a un rythme rapide, avec un minimum de supervision, a la fois individuellement et au sein d'une equipe de conception.

How to Apply

Click "Apply Now"