



# 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: 2024/05/05

## Instrumentation Technologist

<b>Job ID</b>	<b>C3-AB-3E-C1-55-FF</b>
<b>Web Address</b>	<a href="https://careers.indigenous.link/viewjob?jobname=C3-AB-3E-C1-55-FF">https://careers.indigenous.link/viewjob?jobname=C3-AB-3E-C1-55-FF</a>
<b>Company</b>	National Research Council Canada
<b>Location</b>	Ottawa, Ontario
<b>Date Posted</b>	From: 2019-05-14 To: 2019-06-12
<b>Job</b>	Type: Full-time Category: Miscellaneous
<b>Job Salary</b>	From \$53,987 To \$73,935 Per Annum.
<b>Languages</b>	English

### Description

#### Your Challenge

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 an Instrumentation Technologist to support our Aerospace Research Centre. The Instrumentation Technologist would be someone who shares our core values of Integrity, Excellence, Respect and Creativity.

The Instrumentation Group provides scientific electronics, computing facilities and instrumentation to support the research carried out at the Flight Research Laboratory (FRL), on both the NRC Aerospace Research Centre and contracted aircraft. The group's primary functions include design, development and manufacture of board and system level electronic equipment; the integration of this equipment with aircraft sensors, primary control systems, displays and avionics systems; the acquisition and recording of research data operational support and engineering maintenance of installed equipment.

As the incumbent of this position, you will be responsible for the installation, wiring and support of flight test equipment on aircraft engaged in FRL research programs. Limited instrumentation design work will also be required. You must be willing to travel off-site with aircraft to conduct field-testing and to fly as a member of the flight test engineering team in the research aircraft.

#### Relocation

Relocation assistance will be determined in accordance with the NRC's directives.

In joining our team, you will enjoy a wide-range of benefits including comprehensive health and dental plans, pension and insurance plans, vacation and other leave entitlements

### Experience

- Significant hands-on experience installing, trouble-shooting, maintaining, modifying, operating and/or designing modern electronics, instrumentation or data acquisition systems including associated wiring and cable harnesses;

- Basic experience operating scientific equipment;

- Basic experience working directly with external clients;

- Basic experience working with mechanical component assembly and disassembly;
- Basic experience with calibration procedures;
- Significant and recent experience working with a personal computer and standard software (such as MS Excel, Word, PowerPoint and Outlook); and
- Basic experience working with Electronic Computer Aided Drawing (ECAD) packages.

#### Assets:

- Basic experience working with software development tools, particularly in C and C++, assembly or a graphical environment such as Lab View;
- Experience with flight test instrumentation;
- Hands-on experience installing and maintaining equipment onboard aircraft to approved data and acceptable aircraft standards including knowledge of avionics and aircraft wiring, aircraft systems and operational procedures.

### **Education Requirements**

Diploma from a recognized university or technical college or institution as an Electrical or Electronics Engineer or Technologist from a three-year program.

#### Equivalency

A combination of education and experience may also be considered.

### **Essential Skills**

#### Technical Competencies

- Solid knowledge of analog and digital circuitry;
- Solid knowledge of Airworthiness Standards, Engineering and Installation Practices FAA Advisory Circular 43.13-1A / Test Procedures for Airborne Equipment (RTCA/DO-160D) or Wiring Standards for Aerospace Vehicles MIL-W-5088K;
- Ability to read and understand wiring schematics;
- Demonstrated ability to build and install wiring and cable harnesses including completion of wiring splices and connector terminations using typical crimping and soldering techniques; and
- Demonstrated ability to use electronic test equipment such as an oscilloscope, digital multimeter, or logic analyzer.

### **Work Environment**

#### Condition of Employment

Secret (II). A Secret clearance must be obtained within 12 months of employment.

- You must be able to obtain and maintain an Airport Restricted Area Pass (ARAP) from the Ottawa Airport Pass Control Office;
- This position requires work to be performed on and around aircrafts. You must be physically able to perform the duties of this position. These duties include: working from elevated platforms; lifting moderate weights; wearing personal protective equipment such as a respirator and safety goggles. You are expected to work with chemicals and materials commonly found in the aircraft industry;
- You must be able to travel on deployments. You must be able to fly as aircrew on-board experimental aircraft and be able to access system locations (i.e., confined and/or high places) on aircraft; and
- You must be able to work daily indoors and outdoors.

### **Additional Skills**

#### Behavioural Competencies

- â€¢Technology support - Communication (Level 2)
- â€¢Technology support - Initiative (Level 2)
- â€¢Technology support - Results orientation (Level 2)
- â€¢Technology support - Teamwork (Level 2)

## **Other**

### Notes

- â€¢A pre-qualified list may be established for similar positions for a one year period.
  - â€¢A flexible schedule and overtime may be required.
  - â€¢Willingness to work shifts during special projects.
  - â€¢Some travelling is required.
  - â€¢This position is being advertised internally and externally simultaneously, however first consideration will be given to internal NRC applicants.
  - â€¢Candidates must clearly demonstrate in their cover letter how they meet the education and experience factors listed on the poster. Candidates must use the education/experience criteria as a header and then write one or two paragraphs demonstrating how they meet them by providing concrete examples. In addition, the candidate is encouraged to describe in detail when, where and how he/she gained the experience. Failure to provide an appropriate cover letter will result in the rejection of your application. Candidates will not be solicited for incomplete or possible missing information.
  - â€¢NRC employees enjoy a wide-range of benefits including comprehensive health and dental plans, pension and insurance plans, vacation and other leave entitlements.
  - â€¢Preference will be given to Canadian Citizens and Permanent Residents of Canada. Please include citizenship information in your application.
  - â€¢The incumbent must adhere to safe workplace practices at all times.
- Please direct your questions, with the requisition number (6722) to:  
E-mail: [NRC.NRCHiring-EmbaucheCNRC.CNRC@nrc-cnrc.gc.ca](mailto:NRC.NRCHiring-EmbaucheCNRC.CNRC@nrc-cnrc.gc.ca)  
Telephone: 450-641-5132
- Closing Date: 12 June 2019 - 23:59 Eastern Time

## **How to Apply**

Please apply using the "Click for Details" link below...