



# 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

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# Job Board Posting



Careers.Indigenous.Link

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## ISOTOPE PRODUCTION TECHNICIAN (LUTETIUM)

<b>Job ID</b>	<b>52359-7843</b>	
<b>Web Address</b>	<a href="https://careers.indigenous.link/viewjob?jobname=52359-7843">https://careers.indigenous.link/viewjob?jobname=52359-7843</a>	
<b>Company</b>	McMaster University	
<b>Location</b>	Hamilton, ON	
<b>Date Posted</b>	From: 2023-01-26	To: 2050-01-01
<b>Job</b>	Type: Full-time	Category: Education

### Description

McMaster University operates the McMaster Nuclear Reactor (MNR) as part of its educational and research programs. Commercial work is carried out to support these programs. McMaster Nuclear Operations and Facilities strives to embody values of integrity, quality, inclusiveness, and teamwork. We aspire towards inclusive excellence, acknowledging that diversity is essential to creativity and innovation and that diversity is integral to our operations. We will assess merit through an inclusive lens that values equity and diversity. All interested candidates are encouraged to apply for this position. Responsible for the safe and efficient production and shipping of radioactive isotopes and radioisotope products. Follows standardized procedures to produce, recover, package, and ship products while maintaining safe practices in a potentially hazardous environment. The Isotope Technician will:

- Prepare radioactive isotopes and radioisotope products for shipment.
  - Prepare product stock that meets concentration and purity requirements.
  - Prepare samples and conduct quality control tests for in-process and finished goods.
  - Fill out shipping and dangerous goods documentation and forms.
  - Monitor and document process outputs.
  - Complete procedural checklists during the manufacturing process.
  - Collect environmental monitoring samples and readings.
  - Safely transfer radioactive samples between sites. Analyze data to ensure that the production equipment is operating within the defined specifications.
  - Report and record non-conformances in the production process or facility in the internal database software.
  - Troubleshoot faulty and non-responsive equipment.
  - Monitor and document the weight, volume, pressure, activity, and temperature of samples.
  - Monitor and resolve product contamination issues.
  - Gather and compile data required to perform a variety of calculations such as yields, purity of recoveries, and gas loading of production apparatus.
  - Use defined calibration standards to monitor measurements and calibrate equipment.
  - Exchange technical and scientific information with colleagues.
  - Attend and participate in production group meetings.
  - Prepare a variety of chemical solutions.
  - Assemble shipping boxes and glass shipping vials.
  - Pipetting a variety of samples.
  - Transfer, stage, and work with materials in a Good Manufacturing Practices - Grade A environment, using aseptic techniques.
  - Use an overhead crane to move equipment during the production process.
  - Monitor and clean work surfaces to remove radioactive contamination.
  - Maintain knowledge and certification in the transportation of dangerous goods, including receiving Radioactive packages.
  - Perform data entry tasks including entering data into the appropriate spreadsheet and/or database.
  - Write a variety of documents, including general correspondence, standard operating procedures, etc.
- Supervision: No formal supervision of others is required. Provides orientation and shows procedures to others

Qualifications: 3-year Community College diploma in Chemical Engineering Technology or related field of study  
Requires 2 years of relevant experience

For more information, visit [McMaster University](#) for ISOTOPE PRODUCTION TECHNICIAN (LUTETIUM)