



Laboratory Technician

Education:

Northlands College, Saskatchewan Polytechnic

High School:

Math and Sciences

CAREER PROFILE >>

Laboratory Technician

Name: Tiffany Maurice

Home Community: Beauval, SK

Education: Chemical Technology Program and Power Engineering, Saskatchewan Polytechnic

Employer: Orano Canada Inc.

Details of the Job: The chemical lab's main focus is to support the mill with "in process analysis" to ensure the mill is running as efficiently as possible. I am part of the team that analyzes the uranium throughout the process.

A Typical Day: Samples from the uranium extraction process are brought to the lab, where I get to perform the required analysis using X-ray fluorescence or ICP-MS spectrometry equipment. Aside from analyzing the mill process samples, we also receive environmental and workers' urine samples on a daily basis. We have high-performance equipment to be able to analyze all these samples and detect anomalies or when things aren't as we would expect them to be. For example, for the mill samples, we report on our findings, which help them adjust the process so they can insure they extract as much uranium as possible.

About the Job: I chose this career because I have always loved chemistry and math. I was a Mill Operator with a 4th Class Power Engineer diploma, and when the mill was placed into care and maintenance for four years, I chose to go back to school. I got to come back to McClean Lake, with a new certification, and a new job opportunity to provide for my son.

To anyone looking to enter into the Chemical Technology Program, I would recommend having a good understanding of your sciences (especially chemistry) and math. I never had the opportunity to take calculus when I was in high school, so I would recommend trying to get a head start by taking it early.

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