



Instrumentation Technologist

Education:

Saskatchewan Polytechnic

High School:

Practical and Applied Arts, Math Foundations

CAREER PROFILE >>>

Instrumentation Technologist

Name: Derek Worme

Home Community: Young, SK

Education: Industrial Instrumentation Technician Diploma,
Saskatchewan Polytechnic

Employer: Nutrien Ltd.

Details of the Job: Details of the job: repair, maintain, calibrate, adjust, and install industrial measuring and controlling instrumentation (process control & automation) with safety being top of mind. I work from 7am to 5 pm Monday to Thursday (four 10's).

A Typical Day: I begin my day with a safety discussion with my crew called a toolbox meeting where we discuss safety, work for the day & share any relevant information. Prior to starting each repair, I perform a Job Hazard Assessment (JHA) to identify any potential hazards that may pose a risk to my or other worker's health & safety. Identified hazards & mitigations are written down on a JHA card. Throughout my day, I frequently take a structured pause to check for hazards, get re-focused & stop work when unsure. With the huge variety of instruments contained in a potash refinery, the maintenance I perform every day is not the same day in day out. I come to work daily looking forward to what challenge lies ahead with the plan of going home safe, every day.

About the Job: Instrument Technicians are few & far between. We come in high demand due to our low numbers, so finding employment won't be an issue. If you are good at computers & working with wrenches, this trade is for you. Both are nicely combined in this trade. It is a skilled trade that doesn't wear out your body & you can work well past retirement age if you choose (life long career).

Education Path: Instrument school is offered through Trade Schools in Moose Jaw at Sask Polytechnic as well as in Calgary at SAIT & in Edmonton at NAIT. There are two paths into Industrial Instrumentation.

1. Straight out of high school into a trades school in the Instrumentation Technologist programs.
2. Apprenticeships out in industry, which combine practical on the job training supplemented with trades school training in the Instrumentation Mechanic programs.

Both paths lead to the Journeyman Red Seal Endorsement as an Industrial Instrument Technician.

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