

INSTRUMENTATION TECHNICIAN

ABOUT THIS CAREER

Instrumentation technicians install, maintain & repair the measuring and control instruments used in industrial and commercial processing. Instrumentation technicians work with a wide variety of electronic and microcomputer instruments used to measure and control variables such as pressure, flow, temperature, level, motion, force and chemical composition.

55,810 CONSTRUCTION
WORKERS NEEDED BY 2030*

*BuildForce Canada

Contact the local union for more information on hourly pay, benefits, pensions and more.

"I like challenging work, variety and can work on numerous and different projects. No two jobs are the same!"



You have manual dexterity.



You work well with & without supervision.



You do risk assessments.

RESPONSIBILITIES

- Consult manufacturers manuals to determine test and maintenance procedures
- Use pneumatic, electrical and electronic testing devices to inspect and test instrument and system operations
- Consult with and advise process operations
- Repair, maintain and adjust system components or remove and replace defective parts
- Calibrate and maintain components and instruments according to manufacturers' specifications

WHAT YOU'LL NEED

Entrance Requirements

4 years, includes a minimum 8 weeks of technical training and 1,500 hours of on-the-job training and exam.

Journeyman certificate awarded after successful completion. As an apprentice, you also earn while you learn.

To potentially qualify for credit to reduce length of apprenticeship term:

Completed courses of study, instrumentation technician-related work experience or related journeyman certificate AND employer's recommendation.

To apply for a Prior Learning Assessment: Previous training/work experience in the trade **AND** desire to determine level of skill & knowledge or advanced standing in an apprenticeship program.

Key Skills & Attributes

(technical training and on the job)

- Good communication, reading & numeracy skills
- Problem-solving & planning skills
- Ability to bend, reach, twist and stand for long periods of time
- Good balance and ability to lift ~15 kg
- Ability to travel and work in remote locations
- Ability to work shifts & rotational schedules
- Ability to work in a collaborative environment

DID YOU KNOW? XXX



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