



"It means a lot to me knowing my work has a positive impact on the environment."

## ABOUT THIS CAREER

Insulators work with more than just heating and cooling. They also help reduce the passage of sound, air, smoke and fire. They are essential to residential construction and every large institutional, commercial and industrial construction project in the country. They can be self-employed or employed by construction companies and insulation contractors.

**55,810** CONSTRUCTION  
WORKERS NEEDED BY 2030\*

*\*BuildForce Canada*

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



You like precision work.



You are agile and physically fit.



You are comfortable working at heights and in cramped spaces.

## RESPONSIBILITIES

- Apply, remove and repair thermal & acoustical insulation on all types of industrial equipment (duct piping, tanks, vessels, etc.)
- Read and interpret specifications to determine insulation requirements
- Select the amount & type of insulation and method of securing insulation
- Use hand & power tools to measure, cut and fit materials
- Use spraying, blowing, pasting, strapping, taping & other methods
- Install vapour barriers & fire-retardant materials

## WHAT YOU'LL NEED

### Entrance Requirements

To potentially reduce length of apprenticeship term: Completed courses of study, insulator-related work experience or a related journeyman certificate **AND** employer's recommendation.

### Apprenticeship Program:

3 years, includes 4,551 hours of technical training and on-the-job training, and exam. Journeyman certificate awarded after successful completion. As an apprentice, you also earn while you learn.

### Key Skills & Attributes

(technical training and on the job)

- Strong communication skills, reading & numeracy
- Strong problem-solving & planning skills
- Manual dexterity
- Physical fitness & ability to lift heavy materials (25 kg)
- Ability to work at heights & in cramped spaces
- Ability to work in hot & cold environments

## DID YOU KNOW?

Insulators play a key role in helping the environment by ensuring proper insulation is used that can significantly save energy and reduce greenhouse gas emissions and pollution.

