


INSULATOR



ABOUT THIS CAREER

Heat and Frost 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 every large institutional, commercial and industrial construction project in the country, as well as residential construction. They can be self-employed or employed by construction companies and insulation contractors.



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

380,500

CONSTRUCTION WORKERS
NEEDED BY 2034

**BuildForce Canada*



You are comfortable working at heights and in cramped spaces.



You are detail-oriented.



You have an interest in staying current on building codes and guidelines.

RESPONSIBILITIES

- Apply and secure insulation using spraying, blowing, pasting, strapping, taping and other application and installation methods
- Read and interpret specifications to select the type of insulation required
- Measure and cut insulating materials using hand and power tools
- Install vapour barriers and fire-retardant materials
- Apply waterproofing cement over insulating materials to finish surfaces
- Remove asbestos or urea-formaldehyde insulation from buildings

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.

WHAT YOU'LL NEED

Entrance Requirements

Apprenticeship Program: 4 years, includes technical training, on-the-job training and exam. Journey person 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 and numeracy
- Strong problem-solving and planning skills
- Ability to interpret specifications and shop drawings
- Physical fitness
- Ability to work at heights
- Ability to work outdoors in diverse weather
- Experience using machinery