

# HEAT & FROST INSULATOR



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

## 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, and residential construction. They can be self-employed or work with construction companies and insulation contractors.

**8,700+**

PROJECTED CONSTRUCTION WORKER RETIREMENTS IN THE NEXT DECADE\*

*\*BuildForce Canada*

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



You are detail-oriented.



You enjoy working indoors & outdoors.



You are comfortable working at heights & in confined spaces.

## RESPONSIBILITIES

- Read and interpret drawings and specifications to determine insulation requirements and select type of insulation
- Measure and cut insulating material to required dimensions using hand and power tools
- Apply and secure insulation using spraying, blowing, pasting, strapping, taping and other application and installation methods
- Fit insulation around obstructions and between studs and joists
- Install vapour barriers and remove asbestos or urea-formaldehyde insulation materials from buildings when required

## WHAT YOU'LL NEED to become a heat & frost insulator

### Entrance Requirements

- Grade 12 (no modified classes) or GED 12
- Math 10 and Science 10
- Ability to understand & communicate in English. Applicants whose first language is not English must have a minimum Canadian Language Benchmark Assessment of six (CLB6) in all areas.

### Apprenticeship Program:

4 years, includes 240 hours of technical & 1,360 hours on-the-job [training](#) each year. 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, reading & numeracy skills
- Strong problem-solving & planning skills
- Ability to interpret specifications and shop drawings
- Physical fitness
- Ability to work with machinery & power tools

## 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.



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