INSULATOR
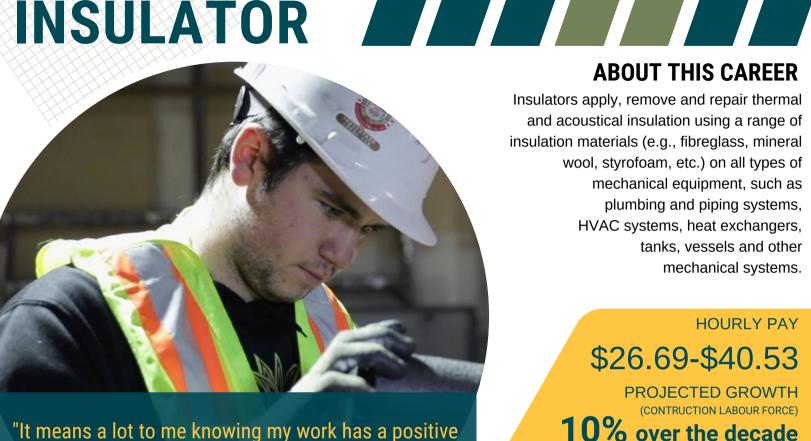

"It means a lot to me knowing my work has a positive impact on the environment."

ABOUT THIS CAREER

Insulators apply, remove and repair thermal and acoustical insulation using a range of insulation materials (e.g., fibreglass, mineral wool, styrofoam, etc.) on all types of mechanical equipment, such as plumbing and piping systems, HVAC systems, heat exchangers, tanks, vessels and other mechanical systems.

HOURLY PAY
$26.69-$40.53

PROJECTED GROWTH
(CONTRUCTION LABOUR FORCE)
10% over the decade
compared to 2020*
*BuildForce Canada

✓ You are comfortable working at heights and in cramped spaces.

✓ You are detail-oriented.

✓ You enjoy doing tasks precisely.

RESPONSIBILITIES

- Select amount & type of insulation and method of securing it (e.g. spraying, pasting, strapping, etc.) according to the surface, use and whether equipment is cold or hot, inside or outside
- Measure and cut insulating material & coverings to required shape and dimension
- Fit insulation around obstructions or shape insulation materials & protective coverings
- Install vapour barriers and finish insulated surfaces by applying metal cladding, canvas, plastic sheetings or cement

WHAT YOU'LL NEED

Entrance Requirements

**High School
(recommended prerequisites):**
Grade 12 completion (preferred), English 10, Math 10 & Science 10.

Apprenticeship Program:
4 years, includes 720 hours of technical training and 6,600 hours of on-the-job training. Journeyperson awarded after successful completion of technical training and interprovincial exam. 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
- Physical fitness & ability to lift ~25 kg
- Manual dexterity & agility
- Ability to work at heights & in hot and cold environments

College of the BC Building Trades

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.

BC INSULATORS
GreenJobsGreatJobs™

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