



# Plumbers

Construction  
NOC 7251



# MAIN DUTIES

Read blueprints, drawings and specifications to determine layout of plumbing system, water supply network and waste and drainage systems

Install, repair and maintain domestic, commercial or industrial plumbing fixtures and systems

Locate and mark positions for pipe connections, passage holes and fixtures in walls and floors

Join pipes using couplings, clamps, screws, bolts, cement or soldering, brazing and welding equipment

Test pipes for leaks using air and water pressure gauges

May prepare cost estimates.



Cut opening in walls and floors to accommodate pipe and pipe fittings

Measure, cut, bend and thread pipes using hand and power tools or machines



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## WHO ARE THEY?

Plumbers install, repair and maintain pipes, fixtures and other plumbing equipment used for water distribution and waste water disposal in residential, commercial and industrial buildings.



## WHERE THEY WORK

They are employed in maintenance departments of factories, plants and similar establishments, by plumbing contractors, or they may be self-employed.

# Employment Requirements

Completion of secondary school is usually required.

Completion of a four- to five-year apprenticeship program

or

A combination of over five years of work experience in the trade and some high school, college or industry courses in plumbing is usually required to be eligible for trade certification.

Trade certification is compulsory in Nova Scotia, Prince Edward Island, New Brunswick, Quebec, Ontario, Saskatchewan and Alberta and available, but voluntary, in Newfoundland and Labrador, Manitoba, British Columbia, the Yukon, the Northwest Territories and Nunavut.

Red Seal endorsement is also available to qualified plumbers upon successful completion of the interprovincial Red Seal examination.



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Four County  
Labour Market Planning Board

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*Serving Bruce Grey Huron Perth*

Source: Statistics Canada 2011