

## **AT A GLANCE**

- Install piping systems in new home construction, in commercial, industrial and public buildings
- May specialize in retrofitting, repair and maintenance of existing systems.
  Residential plumbing is very different from industrial or commercial work
- Construction job: "roughing in" after the frame and roof of a new building are in place; return to the site after the plasterers or drywallers, tilesetters and floorcovering installers have completed their work to do "finishing" work such as installing sinks, tubs and toilets
- Commercial worksite: may install restaurant kitchens and dishwashing stations, sewage treatment plants, or a public water system; may work with hydronic, heating/cooling, natural and liquefied petroleum gas systems or install private sewage disposal, pumps and specialty piping
- Smaller Communities: perform a variety of plumbing and plumbing-related jobs, such as the installation of private sewage disposal systems and potable water distribution systems
- May work for Construction contractors, plumbing service and repair shops and large commercial, institutional or industrial businesses

# **CAREER ADVANCEMENT / RELATED CAREERS**

- Experienced: foreman, estimator, or work for government as safety code inspectors
- Further Training Required: Refrigeration & Air Conditioning Mechanic,
  Sprinkler System Installer or Steamfitter-Pipefitter

### **HOW DO I GET STARTED?**

To enter the apprenticeship program full-time, you must be:

- 16 years or older (may need parental consent to work on construction site)
- High school grad or mature student with equivalent academic standing
- Recommended high school courses: English, Math, Science, and Construction courses

#### **AVAILABLE TRAINING**

- High School Vocational Programming
- · High School Apprenticeship Program (HSAP)
- Post-Secondary Education
- Private Vocational Institutions



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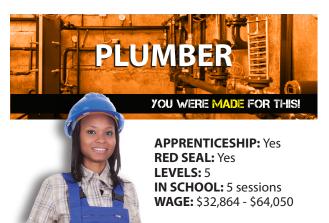
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## **CONSTRUCTION CAREERS IN MANITOBA**

# **Careers with Apprenticeship Trades**

#### **CONSTRUCTION (27)**

Boilermaker Boom Truck Hoist Operator Bricklayer

Cabinetmaker Carpenter Concrete Finisher

Construction Craft Worker Construction Electrician Floor Covering Installer

Gasfitter (Domestic) Industrial Mechanic (Millwright)

Insulator (Heat & Frost)

# **INDUSTRIAL (8)**

Gasfitter

Electric Motor System Technician Industrial Electrician

Industrial Instrument Mechanic Machinist

SERVICE (1) Partsperson

#### **TRANSPORTATION (6)**

**Bodyframe Specialist** Diesel Engine Mechanic Heavy Equipment Technician Waste & Water Technician Welder

Power Electrician

Tool & Die Maker

Interior Systems Mechanic (Lather)

Pre-Engineered Building Erector

Refrigeration & AC Mechanic

Sprinkler System Installer

Steamfitter / Pipefitter

Tower Crane Operator

Ironworker (Generalist)

Mobile Crane Operator

Painter & Decorator

Sheet Metal Worker

Plumber

Roofer

Landscape Horticulturalist

Motor Vehicle Body Repairer Transport Trailer Technician Truck & Transport Mechanic

# **Beyond the Trades**

Flagperson

Metal Finisher

Labourer, General & Skilled

#### **CONSTRUCTION (9)**

Architect Land Surveyor Civil Engineer, P. Eng. Landscape Architect Cribber Plasterer Drywall Taper Tilesetter

Grounds Maintenance Worker

#### **INDUSTRIAL & TRANSPORTATION (13)**

Blaster in Charge Civil Engineering Technician/ Technologist (C.E.T) **CNC** Operator Driller

Maintenance Mechanic **Power Engineer** Health & Safety Manager Project Manager **Heavy Equipment Operator** Truck Driver

#### **OTHER (12)**

**Building Inspector** Mortgage Broker Buyer/Purchasing Agent Property Manager/ Administrator Draftsperson Real Estate Agent **Elevator Constructor** Scheduler/Expediter

Technical Salesperson/Supplier Estimator

Vocational Instructor Home Appraiser

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# **Careers with Apprenticeship Trades**

Interior Systems Mechanic (Lather)

Pre-Engineered Building Erector

Refrigeration & AC Mechanic

Ironworker (Generalist)

Mobile Crane Operator

Painter & Decorator

Sheet Metal Worker

Sprinkler System Installer

Waste & Water Technician

Motor Vehicle Body Repairer

Transport Trailer Technician

Truck & Transport Mechanic

Steamfitter / Pipefitter

**Tower Crane Operator** 

Power Electrician

Tool & Die Maker

Welder

Plumber

Roofer

Landscape Horticulturalist

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Cabinetmaker Carpenter Concrete Finisher

Construction Craft Worker Construction Electrician Floor Covering Installer

Gasfitter Gasfitter (Domestic) Glazier Industrial Mechanic (Millwright)

Insulator (Heat & Frost) **INDUSTRIAL (8)** 

Electric Motor System Technician Industrial Electrician

Industrial Instrument Mechanic

Machinist

SERVICE (1) **Partsperson** 

## **TRANSPORTATION (6)**

**Bodyframe Specialist** Diesel Engine Mechanic Heavy Equipment Technician

# **Beyond the Trades**

## **CONSTRUCTION (9)**

Architect Land Surveyor Civil Engineer, P. Eng. Landscape Architect Cribber Plasterer **Drywall Taper** Tilesetter

Grounds Maintenance Worker

#### **INDUSTRIAL & TRANSPORTATION (13)**

Blaster in Charge Flagperson Civil Engineering Technician/ Labourer, General & Skilled Technologist (C.E.T) Metal Finisher **CNC** Operator Maintenance Mechanic Power Engineer Health & Safety Manager Project Manager **Heavy Equipment Operator** Truck Driver

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Home Appraiser Vocational Instructor

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Carpenter Concrete Finisher

Construction Craft Worker Construction Electrician Floor Covering Installer

Gasfitter

Gasfitter (Domestic) Glazier Industrial Mechanic (Millwright)

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**Bodyframe Specialist** Diesel Engine Mechanic Transport Trailer Technician Heavy Equipment Technician

Interior Systems Mechanic (Lather) Ironworker (Generalist)

Landscape Horticulturalist Mobile Crane Operator Painter & Decorator

Plumber Pre-Engineered Building Erector

Refrigeration & AC Mechanic

Roofer

Sheet Metal Worker Sprinkler System Installer Steamfitter / Pipefitter Tower Crane Operator

Power Electrician Tool & Die Maker

Waste & Water Technician

Motor Vehicle Body Repairer

Truck & Transport Mechanic

Welder

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