

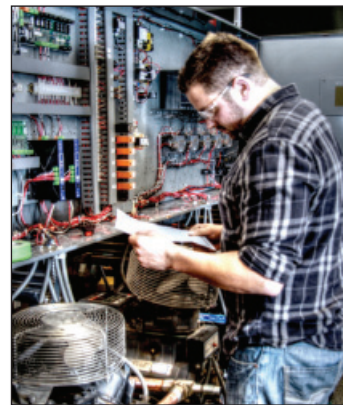
What is a

# REFRIGERATION WORKER?

Refrigeration Workers fabricate, install, alter, repair and service closed systems used for cooling and/or heating that contain refrigerant or brine and thermoelectric cooling. They work predominantly in servicing the institutional, commercial and industrial construction sector.

## REFRIGERATION WORKERS

- evacuate, charge, start up, inspect, operate, maintain and service mechanical systems and controls in heating, ventilation and air conditioning including retrofits, solar systems, refrigeration and food store equipment
- are knowledgeable in the safe use and storage of refrigerants, leak prevention, reclamation and recycling of refrigerants
- comprehend schematic diagrams and troubleshooting
- measure, cut and connect piping using welding and brazing equipment
- recharge systems with refrigerant gases as required
- connect rooftop units to gas, test and balance systems and connect electrical systems
- use and adjust computerized controls & use computer software to calculate loads
- work and stay safe in the workplace



**UA**  
LOCAL  
516

# TRAINING TO BECOME A REFRIGERATION WORKER

## APPRENTICESHIP TRAINING



The majority of apprentices are indentured to UA Local 516.

The term of apprenticeship for a Refrigeration Worker is 4 years, including a minimum of 7,220 hours of on-the-job training and 6 weeks of technical training each year.



Successful completion of a 4 year apprenticeship will result in;

- Red Seal Trades Qualification ticket (TQ)
- Restricted Electrical ticket (RE)
- TDG ticket (Transportation of Dangerous Goods)
- Inter Provincial ticket (IP)
- CFC Ticket (Chlorofluorocarbon)
- B Gas ticket

## RECOMMENDED HIGH SCHOOL PREREQUISITES

- English 12
- Science 12
- Mathematics 12  
(Preferred Grade 12 Completion)

## SKILLS & ABILITIES

To be successful in their trade, Refrigeration Workers need to be:

- critical thinkers/problem solvers
- good and clear communicators
- physically fit & able to lift 11 to 25 kilograms
- able to work in confined spaces
- able to work out-of-doors regardless of weather
- a team player
- able to work well with others towards a common goal
- willing to learn
- able to do very precise work, expertly
- able to have a mechanical aptitude and manual dexterity

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