

Gasfitter

DEFINITION

This is journeyman level work in the gasfitting trade.

An employee of this class is engaged in the maintenance, repair and alteration of pipe systems, appliances, and equipment using natural and liquefied petroleum gas as a fuel for heating, light or power. Routine servicing tasks are also performed on water, steam and chlorine systems. Assignments are Generally in the form of oral instructions but may be accompanied by written instructions, sketches, blueprints, etc. There is latitude for determining specific work methods; the work is subject to inspection in progress and upon completion. A Gasfitter may be assigned helpers or apprentices as required.

TYPICAL DUTIES*

Tests, cleans and adjusts control mechanisms such as thermostats, high temperature limit controls, safety pilots and other safety controls on furnaces, water heaters, space heaters, etc.

Inspects and tests pipelines and equipment to locate leaks and faulty connections and to determine pressure and flow using manometer, voltmeter, combustible gas indicator and soap lather.

Cleans or replaces air filters.

Inspects vents, flues and chimneys for carbon build-up.

Measures, cuts, threads, bends and installs replacement piping.

Replaces tap washers; solders leaking water pipes; unplugs clogged drainage systems; thaws frozen pipes.

Checks, removes, rebuilds and installs swimming pool chlorinators.

Drives a light truck and maintains a stock of equipment and parts in it.

Performs other related duties as required.

KNOWLEDGE, ABILITIES AND SKILLS

Considerable knowledge of the characteristics and proper use of natural and L.P. gas and related equipment and controls.

Knowledge pertaining to the Gas Protection Act and the rules and codes governing installations.

Knowledge of the occupational hazards and safety precautions of the trade.

Familiarity with the work of related trades such as plumbing, steamfitting and sheet metal work.

Co-ordination and manual dexterity to work proficiently and safely with a variety of hand and power tools and equipment.

Form perception to discern pertinent detail when threading and assembling pipes, valves, fittings, and fixtures.

Ability to understand and carry out oral and written instructions, work orders, and drawings.

Sufficient strength to perform medium work requiring frequent lifting of equipment, pipe, and fixtures weighing up to fifty pounds, and to cut, bend and join piping.

Near visual acuity for close scrutiny of work, especially when checking for locations and causes of leaks or condition of valve seats and pipe threads.

TRAINING AND EXPERIENCE REQUIREMENTS

Job Level

Possession of a 1st class Certificate of Proficiency acceptable by the Province of Alberta in the trade of Gasfitter. Possession of a Class 5 Alberta Motor Vehicle Operator's License.

** This is a class specification and not an individualized job description. A class specification represents and defines the general character, scope of duties and responsibilities of all positions within a specific job classification. It is not intended to describe nor does it necessarily list the essential job functions for a specific position in a classification. Positions may perform some of the duties listed above but this does not necessarily qualify for placement into this classification.*

Salary Plan	<u>10M</u>	<u>10A</u>	<u>10B</u>	<u>10C</u>
Job Code	0062			
Last Updated:	1991-03			
Previous Updates:	1979-01			
Originated:	1975-03			