

## Pipeman

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### **DEFINITION**

This is skilled manual work and leadhand supervisory work in the construction or maintenance of water lines and drainage lines.

An employee of this class installs, replaces or maintains drainage lines, water pipes, valves, hydrants, etc., and provides direction and instruction to helpers. Assignments are usually received orally from a foreman who checks the work during progress and upon completion for conformity to established work and safety standards.

### **TYPICAL DUTIES \***

Measure, cut, machine and lay various types and sizes of new water/drainage mains. Fit and joint pipe and fittings. Install valves, hydrants, anodes, manholes and catch basins. Check trench and pipe alignment for correct line and grade.

Direct heavy equipment operators engaged in the placement of large diameter pipe, fittings and chambers.

Drill and/or tap water main for water service pipe connection. Measure, cut and assemble all sizes of water service pipe and fittings.

Tap storm and sanitary sewer laterals. Lay and joint storm and sanitary sewer service piping. Check trench and pipe for correct line and grade.

Test for, locate and repair leaking water main and service piping. Install repair sleeves, replace defective pipe and fittings.

Operate and utilize a full line of equipment normal to the construction, operation and maintenance of the water system (i.e.: field lathe, power saw, torque wrench, tapping machine, hydraulic cutter, compressor and air tools, tubing cutter, flaring tool, aqua stop, picks, shovels, etc.).

Direct employees performing less skilled tasks related to the above duties.

Perform other related duties as required.

### **KNOWLEDGE, ABILITIES AND SKILLS**

Knowledge of the standard methods, materials, tools and equipment used in the construction and maintenance of water lines.

Knowledge of the occupational hazards and safety precautions applicable to the work.

Ability to understand and execute oral and written instructions.

Ability to provide leadhand supervision to the work of subordinates.

Sufficient strength and dexterity to perform the required work.

**TRAINING AND EXPERIENCE REQUIREMENTS**

Job Level

Completion of the twelfth school grade or GED, three years experience in maintenance and construction of water distribution, storm and sanitary sewer systems; supervisory potential. Possession of a valid Class 5 Alberta Motor Vehicle Operator’s license and eligibility to obtain a City driver’s permit.

**Drainage Services:**

The City of Edmonton is required to meet Alberta Environment Wastewater Collection Certification requirements for Drainage Services positions under this classification. All employees are required to obtain Level I Wastewater Collection Certification under the Alberta Environment Certificate program within 2 years of appointment to a permanent position within this class. Once the required level of certification is attained, the employee will transfer to the certified job code for this class, with the commensurate rate of pay.

The Drainage Branch reserves the right to waive the certification requirement for:

- an individual employee after 2 unsuccessful attempts at attaining the certification in a 2 year time frame or for
- a posted Design & Construction Section vacancy, where specific circumstances warrant,

provided that such waiver does not jeopardize the branch's ability to meet Alberta Environment certification requirements. The following classifications in the Drainage Operations Section will continue to require certification and incumbents will not be eligible for waiver of the certification requirement under any circumstances - these classifications are: Drainage Supervisor, Drainage Trainer, Training & Safety Instructor, Drainage Leader II, Maintenance Repairman II, and Pumpwell Millwright II.

\* *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.*

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|----------------------------|---------------------------|------------|------------|------------|
| Salary Plan                | <u>10M</u>                | <u>10A</u> | <u>10B</u> | <u>10C</u> |
| Drainage Uncertified Grade | 0128<br>018               |            |            |            |
| Drainage Certified Grade   | 2175<br>112               |            |            |            |
| Last Updated:              | 2010-05                   |            |            |            |
| Previous Updates:          | 1991-10, 1979-01, 2000-09 |            |            |            |
| Originated:                | 1976-09                   |            |            |            |