

## **WATER & GAS MAINTENANCE JOURNEYPERSON**

### **DUTIES** Under supervision:

1. To perform skilled and semiskilled work in connection with plumbing, pipe fitting, And related trades involved in the maintenance and installation of the water and gas distribution system, while assisting in she on-the-job training of Water & Gas Maintenance Apprentices ; and
2. To do related work is required.

### **ACCOUNTABILITIES**

1. Performing skilled And semiskilled work involved in the water and gas distribution area, while assisting in the on-the-job training of apprentices.
  - A. Installing and maintaining water and gas veins, street services, and large meters
  - B. Digging, shoring, and refilling trenches.
  - C. Cutting, threading, tapping pipes.
  - D. Pitting and caulking pipes
  - E. Building Manholes and vaults.
  - F. Installing valves, stop boxes, and drips.
  - G. Operating, inspecting, and testing hydrants, stops, and air valves.
  - H. Operating compressor and pneumatic hammers.
  - I. Operating service tapping machine when tapping veins.
  - J. Breaking and replacing street surfaces.
  - K. Using pumps to empty water from manholes.
  - L. Turning water And gas off and on at valves and stop boxes.
  - M. Installing and replacing street services.
  - N. Operating steamers, diggers, and other authorized equipment.
  - O. Instructing apprentices in all areas.
2. Doing related work.
  - A. Unloading and piling pipes from railroad cars.
  - B. Keeping service truck supplied with tools, equipment, and materials.
  - C. Condemning faulty street services.

### **MINIMUM QUALIFICATIONS**

1. Education and Experience
  - A. Completion of Water & Gas Maintenance Apprentice Program; and
  - B. Possession of a valid Minnesota class D Driver's License or privilege.

2. Knowledge and Skills

- A. Knowledge of the methods, equipment, and materials used in plumbing, pipe fitting, and related trades as they apply to water and gas distribution.
- B. Knowledge of construction work and the mixing of aggregates.
- C. Knowledge of pumps and compressors.
- D. Knowledge of threading and tapping machines.
- E. Knowledge of fittings, valves, and governors.
- F. Knowledge of the operation of hydrants and drips.
- G. Knowledge of applicable safety precautions and safe work methods.

3. Abilities

- A. Ability to operate dump truck and other motorized equipment.
- B. Ability to do heavy work.
- C. Ability to use hand and power tools.
- D. Ability to work outside year-round.
- E. Ability to diagnose and repair distribution failures.
- F. Ability to maintain favorable relationships with fellow employees.
- G. Ability to instruct and lead subordinate employees.

Jl:bf  
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