

**MISHAWAKA UTILITIES – WATER DIVISION**

**A. JOB TITLE – PIPE FITTER C**

**B. DEFINITION**

To perform general installation, maintenance or repair on hydrants, taps valves, water mains and service lines from the street to the property line. Make sidewalk and street repairs. Employee must use good judgment and be able to solve problems in the field. Employee will report to Crew Leader, Working Foreman, Construction Supervisor or the Project Manager

**C. EQUIPMENT USED**

Must have sufficient knowledge and dexterity to operate:

1. Shovel
2. Rake
3. Spud bar
4. Sledge hammer
5. Post hole digger
6. Probe
7. Broom
8. Compressor
9. Air hammer
10. Pumps: diaphragm and centrifugal in a variety of sizes
11. Hydrant wrenches
12. Hand tools
13. Power tools
14. Gas cut/off saw
15. Variety of hydraulic tools
16. Curb key
17. Valve key
18. Vehicles (van, pickup or car) and trailers
19. Cement mixer
20. Cement tools
21. Power washer
22. Grease gun

Must be able to use safety equipment listed below when climatic or work conditions prevail.

1. Hard hat
2. Ear protection
3. Safety glasses (eye protection)

4. Outside winter clothing
5. Rain boots
6. Rain gear (parka and leggings)
7. Safety color vests
8. Must be able to wear steel toe shoes or boots

**D. JOB LOCATION**

Work is performed inside and outside. The majority of work is done outside on construction sites, public right of ways and public or private property. Other work may be inside construction buildings, pits and vaults or confined areas.

**E. PHYSICAL REQUIREMENTS**

Pipe fitter A must be able to handle physical activity including carrying, crouching, kneeling, lifting, sitting, standing, stooping and turning. Employee must be able to negotiate confined entry spaces, such as backwash pits and vaults. Employee must be able to lift a minimum of 75 pounds unassisted and 150 pounds with assistance. Must wear approved safety shoes or boots and must be able to negotiate uneven terrain.

**F. ENVIRONMENTAL/WORKING CONDITIONS**

Employee may be exposed to conditions that could bring into the hepatitis virus. Vaccination is offered for employees to have as part of the job conditions. Must be able to work alone or perform duties under the supervision of the Construction Supervisor, Project Manager, the Construction Foreman, the Crew Leader, the Assistant Manager or the Water Division Manager. Must be able to perform duties inside or outside in all weather conditions which may include: rain, sleet and snow, dirt, dust noise, extreme cold, intense heat, high humidity and/or wind. Employee must be able to work around chemicals, corrosives, heavy machinery and moving objects. Employee must be able to work in confined entry spaces, cramped quarters, ditches and excavated holes as well as high places. Employee must be able to walk on all terrain (wet or dry). Employee must be able to work around obstacles such as pallets, railings, storage racks and vehicles. Employee must be able to work during high pollen and mold spore count days. Employee must be able to work around all types of animals and insects. Employee must be able to use a facial respirator air mask in confined spaces.

**G. ESSENTIAL FUNCTIONS OF THE JOB**

Must be able to dig trenches and holes, operate compressor and jack hammer, perform manual labor, and operate water pumps and general water distribution system maintenance work. Must be able to drive trucks, pull and maintain trailers. Employee must be able to repair street and sidewalk cuts with gravel, asphalt or concrete. Must be able to install and repair new water main, fittings, hydrants, service lines and valves. Employee must be able to use locating

equipment to find all types of water pipes. Must be able to flush and paint hydrants. Employee must be able to make service connections and taps. Employee must be able to turn valves, which will isolate areas or shut off portions of the distribution system. Employee must be able to maintain and repair the buildings and equipment. These examples do not include all of the jobs which the employee may be expected to perform. Must work well with others and take directives as needed.

**H. ADDITIONAL EXAMPLES OF WORK PERFORMED**

Must be able to load and unload construction materials from trucks or other vehicles. Must be able to do basic landscaping that includes working with black dirt, seed, sod, bushes and trees. Must be able to take inventory, keep records and generate water flow data as required.

**I. REQUIRED KNOWLEDGE AND ABILITIES**

Employee must have sufficient knowledge to use equipment listed in “C” and perform all tasks relating to “G” and “H”. Must be willing to take adequate amount of overtime. Must be in good physical condition and have stamina. Employee will have to be able to work effectively with others.

**J. QUALIFICATIONS**

1. Must possess a High School diploma or GED
2. Must possess a minimum of 2080 hours of work experience in a public water system
3. Must pass a pre-employment drug screening
4. Must adhere to the City of Mishawaka’s drug and alcohol free policy
5. Must possess a valid Indiana Driver’s License.

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Employee’s Signature

\_\_\_\_\_  
Date

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Division Manager

\_\_\_\_\_  
Date