



# CITY OF HOUSTON

## JOB DESCRIPTION

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Job Code: 972.5

Job Title: **IRRIGATION INSTALLER**

Pay Grade: 12

### **GENERAL SUMMARY:**

Performs skilled work in the installation, maintenance, repair and operation of irrigation systems.

### **RESPONSIBILITIES:**

- Assembles and installs new irrigation systems.
- Reads and interprets profiles and blueprints. Draws irrigation plans, including nozzle sizes and head spacing.
- Determines the size and type of backflow prevention devices to be installed.
- Identifies and joins various types of pipes, i.e., soldering and copper pipes, solvent welding of plastic pipes and proper application of compression fittings.
- Operates metal detector, bobcat, trencher and other hand tools.
- Repairs and/or replaces irrigation system parts, such as pipes, fixtures, valves and controllers. Performs preventive maintenance.
- Performs other tasks as required.

### **SPECIFICATIONS:**

#### **KNOWLEDGE:**

Requires a high school diploma or a GED.

**License:** A valid Texas driver's license and a State of Texas Landscape Irrigation Installer License are required.

#### **EXPERIENCE:**

One year of semi-skilled maintenance experience is required.

#### **COMPLEXITY:**

Work consists of standard procedures and tasks where analytical ability is required, as in the comparison of numbers and fundamental facts in selecting the correct action.

#### **IMPACT OF ACTIONS:**

Errors in work typically lead to minor inconvenience and costs. Work is typically performed under close to moderate supervision of routine duties to ensure completion of tasks. The supervisor is generally close by to answer questions.

## **SPECIFICATIONS:**

### **SUPERVISION EXERCISED:**

#### **Direct Supervision:**

No direct report employees.

#### **Indirect Supervision:**

No indirect reports.

### **CONTACTS:**

#### **Internal Contacts:**

Level of internal contact is infrequent with the primary contacts being clerical and technical staffs. Interaction involves routine information exchange and/or simple service activity requiring common courtesy; e.g., answering questions, giving directions in response to simple requests.

#### **External Contacts:**

Level of external contact is extremely infrequent with virtually no outside contact. Interaction involves routine information exchange and/or simple service activity that requires common courtesy; e.g., directing calls and answering simple questions.

### **PHYSICAL EFFORT:**

The position involves considerable physical exertion, such as regular climbing of ladders, lifting of heavy objects (up to 80 pounds) on a highly frequent basis and/or assuming awkward positions for long periods of time.

### **WORK ENVIRONMENT:**

There are routine exposures to significant levels of heat, cold, moisture and air pollution. The position may involve exposure to chemical substances and physical trauma of a minor nature such as cuts, bruises and minor burns.

### **PHYSICAL SKILL:**

Requires the ability to coordinate eye/hand movements on a patterned response within low tolerance demands with no real speed requirements; e.g., programmer/analyst using a keyboard to code programs.

## **MISCELLANEOUS:**

All duties and responsibilities may not be included in the above description.

## **JOB FAMILY:**

Irrigation Installer  
Irrigation Leader

*Effective Date: August 2001*