



## **PLUMBING INSPECTOR I**

**Occupational Code:** 2130

**Salary Range:** 27A

**Status:** Classified

**FLSA:** Non-exempt

**Established:** 11/72

**Revised:** 12/88 6/96

### **NATURE OF WORK:**

This is skilled inspections and enforcement work to ensure compliance with the South Florida Building Code and other applicable codes and regulations as it relates to the installation, operation of plumbing systems and allied equipment installed or maintained on private property.

Work involves responsibility for inspecting a variety of plumbing installations to determine whether plans, workmanship and materials conform with legally established requirements. Employees must make decision requiring the use of technical judgment; however, they consult with a technical superior on more difficult or unusual cases. Work is submitted to periodic checks and review by a technical superior.

**ESSENTIAL FUNCTIONS:** (The examples of work listed in this class specification are not necessarily descriptive of any one position in the class. The omission of specific statements does not preclude management from assigning specific duties not listed herein if such duties are a logical assignment for the position. Examples of work performed are not to be used for allocation purposes.)

Consults with engineers, architects and the general public; serves notices and has corrections made on unsanitary conditions. Investigates and has corrections made on storm drainage complaints; does related plumbing inspection work as assigned.

Makes preliminary, final and periodic inspections of plumbing systems, septic tanks and soakage pits to check for compliance with the provisions of the plumbing ordinance; inspects water cross connection systems for defective materials, proper pipe sizes, grade waste pipe, adequate air chambers and proper valves on hot water systems to determine that they are or the quality and capacity required by law; inspects fitting for proper size, grades and fastenings and for fire hazards. Tests installations of piping by using pressure gauge and air pump; ascertains that all installations are air and water tight.

Inspects and supervises the testing of fire sprinkler systems, standpipes and other fire protection equipment, inspects all plumbing on private property.

Inspects residential, commercial and industrial plumbing installations and equipment in new and old buildings for compliance with provisions with the South Florida Building Code. Issues notices to persons involved where plumbing installations are found to be defective; makes recommendations on correct methods of installation.

Inspects existing and new installation of fuel gas lines, pipes, storage tanks and appliances for compliance with laws and regulations.

Gives information and advice concerning the various sections of the plumbing code to plumbers, owners and other interested parties; checks structures for safety and deterioration and enforces provisions of condemnation ordinances.

Furnishes information concerning plumbing materials, standards and specifications; investigates plumber to ascertain that they have the proper qualification certificates; keeps records of inspections made and makes report or recommendations.

Gives final review to, and approval of, specifications for plumbing installations.

Performs other related work as required.

**DESIRABLE KNOWLEDGE, ABILITIES AND SKILLS:** (The knowledge, abilities and skills identified in this class specification represent those needed to perform the duties of the class. Additional knowledge, abilities and skills may be applicable for individual positions in the employing departments.)

Considerable knowledge of South Florida Building Codes and all other applicable codes, standards and regulations pertaining to plumbing systems and related facilities.

Some knowledge of possible defects and flaws in plumbing installations and of effective corrective measures.

Some knowledge of the history of plumbing developments, general practices, materials and techniques in the Miami area.

Ability to read plans and specifications and to determine their compliance with established standards.

Ability to establish and maintain effective working relationships with subordinates and other employees, building owners, contractors, architects, engineers and the general public.

Ability to prepare and maintain complete and accurate records and to make effective reports concerning work performed.

### **REQUIREMENTS:**

Must meet the requirements for Plumbing Inspector as stipulated under the South Florida Building Code and the Florida Statutes, is applicable. A valid Florida Driver's License.

Note: Special requirements or exceptions may be necessary depending upon needs of the City, however, they must be in accordance with the requirement of the South Florida Building Code and Florida Statutes.

**TOOLS AND EQUIPMENT:**

Personal computer, including word processing and permitting software; calculator; pencil; meters; ruler; drills; hand tools; copy machine; phones; two-way radio.

**PHYSICAL DEMANDS:** (The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.)

Work is performed both in an office and outdoors. Frequent outdoor work is required in the inspection of various land use developments, construction sites or during field supervision, as necessary. Hand-eye coordination is necessary to operate computers and various pieces of office equipment.

While performing the duties of this job, the employee is very frequently required to sit, stand, climb stairs and ladders, talk, hear; use hands to finger, handle, feel or operate objects, tools or controls; reach with hands and arms; read and write in English. The employee is occasionally and/or rarely required to do light lifting (up to 14 lbs), reach above and below shoulders; work outside, exposed to dust or fumes, vibrations, high temperatures; walk and bend

**WORK ENVIRONMENT:** (The work environment characteristics described here are representative of those employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions).

The noise level in the work environment is usually quiet in the office, and moderate to loud in the field. Frequently, required to work in wet surroundings.