

**VILLAGE OF HOFFMAN ESTATES  
JOB DESCRIPTION  
INSPECTOR - PLUMBING**

*EFFECTIVE DATE: September 29, 2016*

<b>DEPARTMENT:</b> Public Works	<b>WORK LOCATION:</b> Public Works		<b>FLSA STATUS:</b> NON-EXEMPT
<b>CLASS CODE:</b> 3800	<b>RANGE:</b> 18	<b>PENSION:</b> IMRF	<b>UNION:</b> NU
<b>REPORTS TO:</b>	<b>LEVEL OF SUPERVISION RECEIVED:</b> General Supervision		<b>LICENSE/CERTIFICATES:</b> - IL Class D Driver's License - State Plumbing License - ICC Certified Plumbing Inspector - Cross Connection Control Device Inspector Certification

**SUMMARY:**

Performs Cross Connection Control Device inspections and certifications at residences and Village facilities. Performs a variety of routine and complex technical work in plumbing inspection work to insure that the Illinois State Plumbing Code and other related codes and standards are met.

Responds to and interacts with residents, employees, and/or others within and outside the organization in a courteous, professional, and effective manner.

<b>JOB NO.</b>	<b>ESSENTIAL JOB FUNCTIONS AND RESPONSIBILITIES</b>	<b>FREQUENCY</b>
1.	Enforces plumbing/building codes, including Illinois State Plumbing Code, International Building Code, International Residential Code, International Plumbing Code and local Municipal Ordinances. Issues correction notices and citations. Appears in court to provide expert testimony on Code violations and/or	Daily 20%

	interpretations.	
2.	Performs plumbing plan reviews; confirms water, waste and vent calculations; reviews isometric and floor plans of waste, vent and water distribution systems. Reviews specifications for compliance with established codes/standards.	Weekly 15%
3.	Performs on-site inspections of new construction, building alterations and/or additions, repairs, replacements and other installation of plumbing and drainage systems in residential, commercial and industrial structures for compliance with applicable codes, laws and ordinances.	Daily 30%
4.	Examines drain, waste, venting and water distribution systems for proper construction, workmanship, type of material and compliance to approved construction drawings. Re-inspects installations, if needed, after corrections have been made.	Daily 20%
5.	Performs certification of cross connection control devices in conjunction with Village program offered to residents/owners of single-family homes with either a fire sprinkler system or lawn irrigation system or other installation requiring annual certification. Also, certify Village facility cross connection control devices.	Monthly 10%
6.	Normally works independently on field inspections, making decisions requiring the use of technical judgment and discretion; however, consultation with a supervisor on difficult and unusual cases is expected.	Daily 10%
7.	Prepares plumbing code revisions and amendments.	Monthly 5%
8.	Maintains records of building and inspection activity and completes related reports. Issues certificates of occupancy and permits as appropriate.	Daily 20%
9.	Performs plumbing work as assigned to include residential/commercial meter installations, Village owned cross connection control device repair/replacement or general plumbing work at Village owned facilities.	Daily 10%
10.	Assists in resolving complex and sensitive customer service issues, either personally, by telephone or in writing. Maintains records and documents of customer service issues and resolutions.	Daily 15%
11.	Operates and properly maintains all tools and equipment needed to perform the essential job functions and responsibilities listed above while adhering to all safety rules and practices.	Daily

<b>JOB NO.</b>	<b>OTHER RELATED DUTIES</b>
1.	Assists in administering the permitting function, including application processing, fee assessment and collection, and permit issuance.

- |    |   |
|----|---|
| 2. | Explains, interprets, and provides guidance regarding all applicable codes within area of responsibility to architects, engineers, contractors, developers, and other interested parties. |
| 3  | Performs the duties of a plan examiner, or mechanical, plumbing or electrical inspector as needed and qualified.  |
| 4. | Performs other duties, tasks, and responsibilities as assigned.   |

**SUPERVISORY RESPONSIBILITIES: *(Select one – required)***

**XX** None required

Supervisory responsibilities are required to be carried out in accordance with the organization's policies and applicable laws. ***(List specific responsibilities below)***

**EDUCATION, EXPERIENCE AND COMPUTER SKILLS:**

The designated education and experience levels best describe the minimum requirement needed to fulfill the essential job functions. However, any combination of equivalent education or experience may be considered.

**Education Level (Select one - required)**

- High school education with vocational training
- High school diploma or general education degree (GED)
- Two or more years of college coursework in related field
- Associate's degree (A.A.) from two-year college or technical school
- Bachelor's degree (B.A.) from four-year college or university
- Master's degree (M.A.)
- Doctoral degree (Ph.D.)
- Degree or coursework should be in...

**Experience Level (Select one - required)**

- No prior experience or training required
- Six months to one year related experience
- One to two years related experience
- Two to four years related experience
- Four to ten years related experience 5 years in plumbing work, to be a licensed plumber.  
Certified in backflow prevention.

**Additional Experience (Select as appropriate)**

- Experience in supervisory capacity...
- Experience in management capacity...
- Must meet the requirements as set by the Fire & Police Commission

**Computer Skills (Select as appropriate)**

- Entry and processing of data
- Word Processing data
- Spreadsheet software
- Database software
- Specialized applications:

**COMMUNICATION SKILLS:**

**English Language/Communication Skills (Select one)**

- Basic skills Ability to read, comprehend, listen to and follow basic verbal or written instructions and provide appropriate feedback. Ability to read, comprehend and/or create routine correspondence and memos using proper spelling, grammar, punctuation and sentence structure. Ability to effectively convey information one-on-one or to small groups of employees or customers.
- Intermediate skills Ability to read, comprehend, listen to and follow complex verbal or written instructions from multiple sources. Ability to provide appropriate feedback by asking probing questions and/or suggesting alternative approaches. Ability to read, comprehend, create and explain to others complex correspondence, reports and/or manuals. Ability to convey procedures and policies one-on-one or in groups to employees or customers.
- Advanced skills Ability to read or interpret all types of documents including safety rules and regulations, and procedure manuals. Ability to create and edit reports and correspondence from varied source material using appropriate style and format. Clearly convey instructions to employees or team. Ability to speak clearly and effectively before groups of customers answering questions appropriately.
- Business skills Ability to read, research, and analyze general business periodicals, professional journals, technical reports, finance documents or government laws and regulations. Ability to write reports, business correspondence, manuals and draft policies and procedures. Ability to effectively make presentations and respond to questions from groups of managers, customers, citizens, or other agencies.
- Specialized skills Ability to read, analyze and interpret professional, scientific, or technical manuals, procedures, plans, schematics, maps, blueprints, licenses, and/or legal documents. Ability to respond to inquiries from managers, customers, business community or regulatory agencies. Ability to draft responses to complex or technical issues and/or effectively present technical concepts or information to managers, customers, or other agencies in concise understandable terms.

**Foreign Language Skills (Complete if applicable)**

- Fluency in foreign language skills is:
- A Plus
  - Preferred
  - Required
- Ability to speak and/or read, write and comprehend.

**Required Language:**

**REQUIRED COMPETENCIES:**

To perform this job successfully, an individual must be able to perform each essential job function satisfactorily. The required competencies listed below are representative of the knowledge, skills, and/or abilities required for successful job performance.

**State of Illinois plumbing license.**

**State of Illinois Cross Connection Control Device Inspector Certification.**

**WORKING KNOWLEDGE OF:**

Illinois State Plumbing Code, local codes and general construction codes, and a thorough knowledge of plumbing.

Considerable knowledge in general construction, and skill in applying knowledge of national building codes and zoning.

**ABILITY TO:**

Work well with the public and with local contractors.

Read and understand complicated plans and blueprints.

Communicate effectively, verbally and in writing.

**PROFICIENCY IN:**

Operating a motor vehicle, 10-key calculator; portable radio, phone, ladder or scaffolding, tape measure, combustible odor monitor.

**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 with or without reasonable accommodations.

*(mark all 17 activities)*

----- Amount of Time -----

<u>Physical Activity</u>	None	Less than 1/3	1/3 to 2/3	More than 2/3
Stands	_____	_____	<u>  X  </u>	_____
Walks	_____	_____	<u>  X  </u>	_____
Sits	_____	_____	<u>  X  </u>	_____
Uses fingers in a repetitive motion	_____	<u>  X  </u>	_____	_____
Uses hands to grasp, finger, handle, or feel	_____	_____	<u>  X  </u>	_____
Reaches with hands and arms above shoulder	_____	_____	<u>  X  </u>	_____
Climbs or balances	_____	_____	<u>  X  </u>	_____
Twists or turns	_____	_____	<u>  X  </u>	_____
Stoops, kneels, crouches, bends, or crawls	_____	_____	<u>  X  </u>	_____
Pulls, pushes, or carries	_____	<u>  X  </u>	_____	_____
Talks or hears	_____	_____	<u>  X  </u>	_____
Tastes or smells	<u>  X  </u>	_____	_____	_____
Operates a motor vehicle or heavy equipment	_____	_____	<u>  X  </u>	_____
Lifts or move 0 to 10 pounds (sedentary)	_____	_____	<u>  X  </u>	_____
Lifts or move 10 to 20 pounds (light)	_____	_____	<u>  X  </u>	_____
Lifts or move 20 to 50 pounds (moderate)	_____	<u>  X  </u>	_____	_____
Lifts or move 50 to 100 pounds (heavy)	<u>  X  </u>	_____	_____	_____

**VISION DEMANDS:**

The vision demands described here including the ability to adjust focus, close vision, sharpness of vision, depth perception, peripheral vision, distance vision, hand-eye coordination or as otherwise specified by the Board of Fire and Police Commissioners, are representative of those that must be met by an employee to successfully operate the tools and equipment needed to perform the essential functions of this job.

**Other Vision Demands (select if applicable)**

\_\_\_\_\_ Absence of color blindness

\_\_\_\_\_ Corrected vision of...

*Enter specific vision requirement here*

\_\_\_\_\_ Uncorrected vision of...

*Enter specific vision requirement here*

**WORK ENVIRONMENT:**

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job with or without reasonable accommodations.

*(mark all 15 conditions)*

----- Amount of Time -----

**Environmental Conditions**

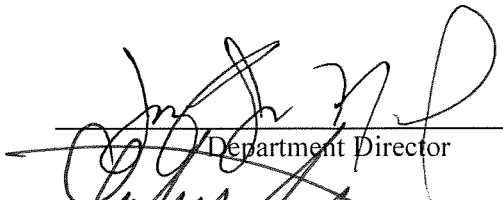
None      Less than 1/3      1/3 to 2/3      More than 2/3

Customary indoor conditions	_____	_____ <u>X</u> _____	_____	_____
Customary outdoor weather conditions including extreme cold, extreme heat, and wet or humid conditions	_____	_____	_____	_____ <u>X</u> _____
Non-weather conditions: extreme cold, extreme heat, and wet or humid conditions	_____	_____ <u>X</u> _____	_____	_____
Works near moving mechanical parts	_____	_____ <u>X</u> _____	_____	_____
Works in high precarious places, underground, or confined spaces	_____ <u>X</u> _____	_____	_____	_____
Flying debris or airborne particles	_____	_____ <u>X</u> _____	_____	_____
Fire, smoke, fumes, gases, or noxious odors	_____ <u>X</u> _____	_____	_____	_____
Toxic or caustic chemicals, aerosols, liquids, solvents or oils	_____ <u>X</u> _____	_____	_____	_____
Risk of electrical shock	_____ <u>X</u> _____	_____	_____	_____
Works with explosives or risk of radiation	_____ <u>X</u> _____	_____	_____	_____
Vibration	_____ <u>X</u> _____	_____	_____	_____
Extreme illumination	_____ <u>X</u> _____	_____	_____	_____
Low noise level (Normal voice tones)	_____	_____	_____	_____ <u>X</u> _____
Moderate noise level (Raised voice levels)	_____	_____ <u>X</u> _____	_____	_____
High noise level (Shouting/ear protection may be needed)	_____ <u>X</u> _____	_____	_____	_____

The information listed above reflects minimum standards and illustrations of the various types of work that may be performed. The omission of specific job functions, requirements or tasks does not exclude them from the job if the work is similar, related or a logical extension of the work assigned.

This job description does not constitute an employment agreement between the employer and employee.

Recommended Approval:

  
\_\_\_\_\_

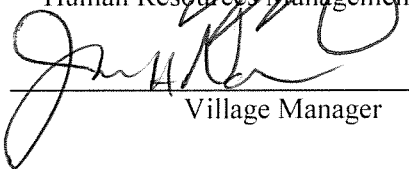
Department Director

Reviewed Approval:

  
\_\_\_\_\_

Human Resources Management Director

Approved:

  
\_\_\_\_\_

Village Manager

Effective Date: \_\_\_\_\_

Revision Date: 10/5/16