

CITY OF BEAVERTON

Plumbing Inspector

General Summary

Inspect residential and commercial buildings for compliance with all plumbing and mechanical codes, ordinances, standards, rules and regulations. Check design, construction and quality of materials and location of plumbing and mechanical systems. Review residential, commercial and industrial plumbing plans and specifications.

Key Distinguishing Duties

Conduct inspections and plan review requiring State of Oregon A-level Plumbing Inspector and State of Oregon Building 1 and 2 Family Dwelling Plumbing Inspector certifications.

Essential Functions

Depending upon assignment, the incumbent may perform a combination of some or all of the following duties, which are a representative sample of the level of work appropriate to this class.

1. Inspect and regulate installations of plumbing systems in residential, commercial and industrial buildings. Check the design, construction and location of systems for compliance with state and municipal plumbing regulations and related standards. Read and interpret construction plans in conjunction with actual construction. Interpret product listings and installation requirements. Interpret and apply plumbing statutes to the inspection. Consult and advise builders of plumbing code requirements needed to pass inspection.
2. Meet with staff, general contractors, subcontractors, architects, engineers, and other customers to explain code requirements and resolve conflicts and problems. Answer technical questions from the public regarding City, State and applicable local requirements of the plumbing and mechanical codes. Coordinate with other divisions and governmental agencies on final project acceptance.
3. Write inspection reports. Keep accurate inspection records. Enter inspection results into computer system. File inspection records and plans. Track inspections, stop work orders and expired permits. Calculate permit fees and explain fees as required.
4. Investigate code compliance issues as directed by supervisor.
5. Conduct plan review of multi-family residential, commercial and industrial buildings for compliance with plumbing ordinances and codes. Approve plumbing portion of plans.
6. Perform duties of lower level classifications.
7. Participate in section operational processes including procedure development and implementation.

8. Provide excellence in internal and external customer service. Create a positive experience for customers through professional and courteous behavior and creative problem resolution. Focus on producing high quality results.
9. Represent the City to the public in operational functions as required. Advance and protect the interests of the City and its citizens in all matters.
10. Develop safe work habits and follow all required safety policies, procedures and techniques. Contribute to safety of self, co-workers and the general public.
11. Participate in the City Emergency Management program including classes, training sessions and emergency events.
12. Follow standards as outlined in the Employee Handbook.
13. Produce an acceptable quantity and quality of work that is completed within established timelines.
14. Support and respect diversity in the workplace.

Other Functions

1. Perform related duties of a similar scope and nature.

Knowledge Required

- ◆ Advanced knowledge of safety practices related to plumbing inspection.
- ◆ Advanced knowledge of techniques and methods of plumbing plan review and inspection.
- ◆ Advanced knowledge of the state and local standards, codes, ordinances, laws and regulations governing plumbing inspection for single and multiple family dwellings and commercial and industrial buildings.
- ◆ Advanced knowledge of methods and materials used in the plumbing trade, including methods and instruments used to install and test plumbing systems.
- ◆ Working knowledge of issues and trends in the construction industry.
- ◆ Basic knowledge of strategic planning methods with an emphasis on services related to plumbing design, plan review, construction and inspection.
- ◆ Basic knowledge of public purchasing and contracting laws and regulations.
- ◆ Basic knowledge of practices and principles of public/business administration and decision-making.
- ◆ Advanced knowledge of basic arithmetic and mathematics principles.
- ◆ Working knowledge of English grammar, spelling and usage.

Skills/Abilities Required

- ◆ Advanced ability to use equipment including engineer and architect scale and related tools to complete inspections.
- ◆ Advanced ability to read blueprints and plan specifications.
- ◆ Strong ability to maintain accurate records.
- ◆ Ability to participate on a team focused on producing high quality results.
- ◆ Ability to establish and maintain effective working relationships with employees, contractors, other agencies, public officials and the general public.
- ◆ Strong ability to apply excellent internal and external customer service skills.
- ◆ Strong ability to communicate effectively both orally and in writing with diverse customers, employees, contractors, other agencies, public officials and the general public.
- ◆ Ability to make presentations.
- ◆ Strong ability to use a keyboard and word processing, spreadsheet programs or other application software as required for position.
- ◆ Ability to use general office equipment.

Minimum Qualifications Required for Entry

High School diploma or GED and 1 year of experience as a plumbing inspector, or an equivalent combination of education and experience enabling the incumbent to perform the essential functions of the position.

Licensing/Special Requirements

- ◆ Positions in this classification are required to possess a valid driver's license and the ability to meet the City's driving standards.
- ◆ State of Oregon journeyman plumber's license required.
- ◆ State of Oregon A-level Plumbing Inspector certification required.
- ◆ State of Oregon 1 and 2 Family Dwelling Plumbing Inspector certification required.
- ◆ State of Oregon Medical Gas certification required.
- ◆ State of Oregon A-level Mechanical Inspector certification or equivalent nationally recognized certification* desired.
- ◆ State of Oregon 1 and 2 Family Dwelling Mechanical Inspector certification or equivalent nationally recognized certification* desired.
- ◆ Medical Gas Inspector certification from a recognized institute required.
- ◆ State of Oregon or ICC Residential Mechanical Inspector certification desired.
- ◆ State of Oregon Post Earthquake Damage Inspector registration desired.
- ◆ Equivalent nationally recognized certifications require an Oregon Inspector Certification.

Working Conditions

Daily standing for prolonged periods; daily focus on computer screen; daily precise control of fingers and hand movements; weekly dealing with distraught or difficult individuals; weekly crouching, crawling, bending, kneeling, climbing and balancing for inspections; daily wearing of protective gear; weekly exposure to high noise levels at construction sites; weekly exposure to equipment with cutting or crushing potential; weekly work outdoors in inclement weather; occasional lifting of ladders and technical equipment; daily operation of motor vehicle on public roads; periodic potential exposure to chemicals and hazards at construction sites; occasional response to emergency conditions in off-hours; occasional attendance at meetings or activities outside of normal working hours.

Classification History

As of 10/97: Plumbing Inspector

Revised: 1/98

New class specification title 1/98: Plumbing Inspector

Revised: 11/05

Revised: 1/1/09

Status: SEIU

FLSA: Non-exempt

Department Head Signature

Human Resources Signature

Date

Date