

JOB TITLE: Plumbing Inspector
EMPLOYEE:

DOT #: 168.167-050
CLAIM #



King County

KING COUNTY ON SITE JOB ANALYSIS

JOB TITLE Plumbing Inspector

JOB CLASSIFICATION Plumbing Inspector

DOT TITLE Inspector, Plumbing (government ser,)

DOT NUMBER 168.167-050

DEPARTMENT Public Health

DIVISION Environmental

OF POSITIONS IN THE DEPARTMENT WITH THIS JOB TITLE 19

JOB STATUS

On call intermittent employee.

ADDRESS OF WORKSITE

900 Oakesdale Ave SW, Suite 100,
Renton, WA 98055.

700 5th Ave, 21st Floor,
Seattle, WA 98124.

CONTACT'S NAME Dave Cantrell

CONTACT'S PHONE 206-296-1148

EMPLOYER JOB TITLE Chief Plumbing Inspector

DATE COMPLETED 5/17/02

VRC NAME Jeff Casem

DATE REVISED 9/11/09

WORK HOURS

7:00am to 3:30pm Monday through Friday.

OVERTIME

Rare. Fair Labor Standards Act, Non-Exempt (hourly).

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JOB DESCRIPTION

Inspects residential and commercial plumbing and gas piping installations for compliance with codes and ordinances. Investigates public complaints regarding plumbing or gas piping installations as well as post plumbing and gas ordinance violation notices. Helps contractors and property owners solve installation problems and interpret codes, laws and regulations.

ESSENTIAL ABILITIES FOR ALL KING COUNTY JOB CLASSIFICATIONS

1. Ability to demonstrate predictable, reliable, and timely attendance.
2. Ability to follow written and verbal directions and to complete assigned tasks on schedule.
3. Ability to read, write & communicate in English and understand basic math.
4. Ability to learn from directions, observations, and mistakes, and apply procedures using good judgement.
5. Ability to work independently or part of a team; ability to interact appropriately with others.
6. Ability to work with supervision, receiving instructions/feedback, coaching/counseling and/or action/discipline.

JOB SPECIFIC REQUIREMENTS

Must possess a Washington State journeyman plumber's certificate and a valid Washington State driver's license. 2 years of experience as a journeyman plumber. Must have the ability to become a member of Local 32 within 30 days of hire.

ESSENTIAL FUNCTIONS Listed in order of importance

1. Inspects all residential and commercial plumbing and gas piping installations for compliance with various codes and ordinances.
2. Prepares and maintains records of inspections, corrections, and approvals
3. Consults with superintendents, contractors, architects and public to solve installation problems.
4. Answers public questions; reviews blueprints and drawings; and informs people of regulations.
5. Advises other performing sanitarian work on special problems in nursing homes, hospitals and restaurants.
6. Investigates public complaints regarding unsanitary, illegal and hazardous plumbing or gas piping installations.
7. Determines if a code violation has occurred; posts plumbing and gas ordinance violation notices and coordinates with supervision.
8. Attends meetings and seminars on plumbing and piping.
9. Inspects plumbing and gas installations, mechanical installations, venting and location of chimney linings.
10. Performs cross connection inspection.
11. Inspects for compliance with Washington State Energy Code.
12. Inspects applicable codes, laws and ordinances, rules and regulations for contractors and property owners.

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TOOLS, MACHINES, EQUIPMENT, PRODUCTS, AND SERVICES USED

Clipboard, flashlight, level, tape measure, phone, fax machine, copy machine, County vehicle with an automatic transmission, ladders, blueprints, pressure gauges, code books, pens, computer and a cellular telephone.

PHYSICAL DEMANDS AS JOB IS TYPICALLY PERFORMED

Continuously = occurs 66-100% of the time
Frequently = occurs 33-66% of the time
Occasionally = occurs 1-33% of the time
Rare = may occur less than 1% of the time
Never = does not ever occur (such demands are not listed)

This job is classified as

Sedentary

Standing

Occasionally on flat carpet, undeveloped land and uneven surfaces for up to 15 minutes at a time for up to 1 hour total in a work shift. Most commonly occurs while conversing with co-workers, superintendents, contractors and the general public as well as inspecting plumbing at construction sites

Walking

Occasionally on flat carpet, undeveloped land and uneven surfaces for up to 5 city blocks for up to 5 minutes at a time and up to 1.5 hours total in a work shift. Most commonly occurs while walking to inspection sites.

Sitting

Frequently on an automobile seat or an office chair for up to 1 hour at a time for up to 4.5 hours total in a work shift. Most commonly occurs while driving to and from inspection sites as well as when answering the telephone.

Climbing stairs

Occasionally for up to 4 minutes at a time while climbing up to 4 flights for up to 8 minutes total in a work shift. Most commonly occurs while inspecting sites that do not have elevators. Most sites have elevators.

Climbing

Rare on a ladder to heights of up to 30 feet for up to 1 minute at a time and up to 3 minutes total in a work shift. Most commonly occurs while using a ladder to inspect plumbing that is in an elevated location.

Balancing

Frequently on uneven and undeveloped surfaces for up to 3 hours at a time for up to 3.5 hours total in a work shift. Most commonly occurs while walking through construction sites that may have undeveloped land that may be rocky, muddy or sloped.

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Bending/Stooping

Frequently on uneven and undeveloped surfaces for up to 15 minutes at a time for up to 30 minutes total in a work shift. Most commonly occurs while getting in and out of a County vehicle, inspecting crawl spaces or inspecting plumbing under a countertop.

Kneeling

Occasionally on all conceivable surfaces for up to 5 minutes at a time for up to 10 minutes total in a work shift. Most commonly occurs while inspecting crawl spaces and plumbing in low locations.

Crouching

Frequently on uneven and undeveloped surfaces for up to 15 minutes at a time for up to 30 minutes total in a work shift. Most commonly occurs while getting in and out of a County vehicle, inspecting crawl spaces or inspecting plumbing under a countertop.

Crawling

Occasionally on all conceivable surfaces for distances of up to 30 feet for up to 5 minutes at a time and up to 1.5 hours total in a work shift. Most commonly occurs while inspecting crawl spaces.

Operating Controls with Feet

Frequently for up to 1.5 hours at a time for up to 3 hours total in a work shift while driving a County vehicle to and from inspection sites.

Reaching above shoulder height

Occasionally for up to 1 minute at a time for up to 15 minutes total in a work shift while climbing a ladder and using the flashlight to inspect plumbing in an elevated location.

Reaching at waist to shoulder height

Frequently for up to 1.5 hours at a time for up to 4 hours total in a work shift while driving a County vehicle, using a clipboard, using a flashlight and performing paperwork duties.

Reaching at knee to waist height

Occasionally for up to 2 minutes at a time for up to 10 minutes total in a work shift while using a flashlight, tape measure or level.

Reaching at floor to knee height

Rare for up to 2 seconds at a time for up to 2 minutes total in a work shift while placing a level on pipes that may be on the ground or when laying out blueprints on the ground.

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Lifting 1-10 pounds

Occasionally for up to 5 seconds at a time for up to 10 minutes total in a work shift. Most commonly occurs with weights of 1-3 pounds while using a clipboard, flashlight, level or a tape measure.

Carrying 1-10- pounds

Frequently for distances of up to 5 city blocks for up to 3 hours at a time for up to 3.5 hours total in a work shift. Most commonly occurs with weights of 2-6 pounds while carrying a level, tape measure, clipboard, and flashlight while inspecting sites.

Pushing and Pulling

Rare for distances of up to 10 feet for up to 15 seconds at a time with a force of up to 13 pounds for up to 5 minutes total in a work shift while moving objects such as a piece of lumber that may be blocking or obstructing doors or inspection areas.

Handling

Frequently for up to 3 hours at a time for up to 5 hours total in a work shift while using a clipboard, flashlight and level as well as driving.

Operating Controls with Hands

Frequently for up to 1.5 hours at a time for up to 3.5 hours total in a work shift while driving a County vehicle and using a flashlight.

Fingering

Frequently for 5 minutes at a time for up to 4 hours total in a work shift while writing as well as manipulating paperwork and blueprints.

Talking

Frequently for up to 15 minutes at a time for up to 4 hours total in a work shift while conversing with the general public, contractors, superintendents and home owners.

Hearing

Continuously for up to 2.5 hours at a time for up to 7 hours total in a work shift while conversing the general public, contractors, superintendents and home owners as well as listening for hazards such as moving machinery at construction sites.

Near acuity—clarity of vision at 20 inches or less

Occasionally for up to 15 minutes at a time for up to 1 hour total in a work shift while reading a tape measure, documents, blueprints, pressure gauges, code book, level, rating on products and insulation standards.

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Far acuity—clarity of vision at 20 feet or more

Frequently for 1.5 hours at a time for up to 4.5 hours total in a work shift while driving and performing inspections in a large buildings.

Depth perception—three dimensional vision

Continuously for up to 2.5 hours at a time for up to 7 hours total in a work shift while identifying trip hazards and uneven ground as well as driving.

Color vision—ability to identify and distinguish colors

Rare for up to 10 seconds at a time for up to 5 minutes total in a work shift while identifying color-coded pipes.

Field of vision—observing an area that can be seen up and down or right or left while eyes are fixed on a given point

Frequently for up to 3 hours at a time for up to 4.5 hours total in a work shift while driving and identifying potential safety hazards at construction sites.

Night vision--seeing after sundown with minimal or no supplemental light sources

Occasionally for up to 2 hours at a time for up to 2 hours total in a work shift while inspecting crawl spaces and dark buildings as well as working before or after sunrise.

TEMPERAMENTS

Directing, controlling, or planning activities of others: Occasionally

Performing repetitive or short-cycle work: Frequently

Influencing people in their opinions, attitudes, and judgements: Occasionally

Performing a variety of duties: Rare

Working alone or apart in physical isolation from others: Frequently

Working effectively under stress: Frequently

Attaining precise set limits, tolerances, and standards: Continuously

Working under specific instructions: Continuously

Working with others: Occasionally

Making judgements and decisions: Continuously

ENVIRONMENTAL FACTORS

Work is performed at various construction sites throughout King County and in an office setting. Worker may walk through construction areas with uneven ground that may include mud, dirt, rocks and broken cement. Worker may work in dark, damp and confined spaces when inspecting crawlspaces. The noise level ranges from quiet to loud.

Workers are exposed to

Outside weather: Frequently

Extreme heat: Occasionally

Wet: Occasional

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Humidity/dampness: Occasional
Fumes: Occasionally
Odors: Rare
Dusts: Frequently
Mists: Rare
Gases: Occasionally
Poor ventilation: Occasional
Vibration: Frequently
Working in high, exposed places: Occasionally
Toxic or caustic chemicals: Occasionally

POTENTIAL MODIFICATIONS TO JOB

Walking stick for added stability when walking on uneven ground.

_____ Signature & title of evaluator	_____ Date
_____ Signature & title of contact	_____ Date
_____ Signature & title of employee	_____ Date

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HEALTH CARE PROVIDER SECTION
Check all that apply

The employee is released to perform the described duties without restrictions on performance or work hours.

The employee is released to perform the described duties on a reduced schedule. The recommended schedule is:

Temporary until _____ Permanent as of _____

The employee is released to perform the described job with the following modifications:

Temporary until _____ Permanent as of _____

The employee is not released to perform the described duties due to the following job functions:

Temporary until _____ Permanent effective _____

The employee is unable to work in any capacity.
A release to work is: anticipated by _____ Not expected

The limitations are due to the following objective medical findings:

Printed or typed name and phone number of Health Care Provider

Signature of Health Care Provider

Date