

JOB TITLE: Hazardous Waste Technician
EMPLOYEE:
VRC: Kyle Pletz

DOT #: 168.267-086
CLAIM #



KING COUNTY ON SITE JOB ANALYSIS

JOB TITLE Hazardous Waste Technician

JOB CLASSIFICATION Hazardous Waste Technician

DOT TITLE Asbestos Removal Worker

DOT NUMBER 869.684-082

DEPARTMENT Executive Services

DIVISION Facilities Management

OF POSITIONS IN THE DEPARTMENT WITH THIS JOB TITLE 4

JOB STATUS

Full Time Career Service.

ADDRESS OF WORKSITE

500 4th Avenue
Seattle, WA 98104

CONTACT'S NAME Van Pham and Katea Kinahoi

CONTACT'S PHONE 206-296-0651 and 206-296-1861

EMPLOYER JOB TITLE Project Manager/Hazmat Coordinator and Inspector,
Supervisor

DATE COMPLETED 3/31/03

VRC Jeff Casem

DATE REVISED 8/3/09

WORK HOURS

10 hours per day Monday through Thursday 6:00am to 4:30pm. Hours vary upon work demand.

OVERTIME

Optional but commonly worked, mandatory on rare occasions.

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Fair Labor Standards Act Non-Exempt (hourly).

JOB DESCRIPTION

Removing or encapsulating hazardous materials such as asbestos and lead paint.

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

Washington State asbestos, lead, HazMat and asbestos worker certifications. Washington State Driver's License. Knowledge of tools and equipment used in abatement process, hazardous waste removal laws and codes, air sampling practices and principles as well as engineering controls, methods, practices and materials. Must have knowledge of occupational hazards and safety precautions associated with all plumbing, electrical, engineering and carpentry trades. Must have skill in use and care of tools, machinery and equipment used in abatement industry, operating all types of power tools, machinery, and equipment associated with the hazardous waste industry. Must have skill in working at heights from ladders and scaffolding or working in confined spaces. A commercial driver's license is preferred.

ESSENTIAL FUNCTIONS Listed in order of importance

1. Constructs negative pressure enclosure for abatement or encapsulation of various hazardous materials.
2. Constructs various types of mini-enclosures for glove bag and floor tile abatement of asbestos.
3. Performs pre-cleaning and encapsulation on all types of asbestos abatement.
4. Performs maintenance on many types of equipment and tools.
5. Disposes of materials in compliance with regulatory standards.
6. Removes lead paint.
7. Performs mold abatement.

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NON-ESSENTIAL FUNCTIONS

1. Performing overtime.
2. Picking up supplies from distributor.

TOOLS, MACHINES, EQUIPMENT, PRODUCTS, AND SERVICES USED

County vehicle, respirator (half and full face), respirator with battery powered air supply, type C air pump, BAPI, HEPA filter, Tyvek suit, boots (rubber and steel toe), ear protection, safety harness, scaffolding, ladders, air monitor, knife, hammer, screwdriver, pry bar, skill saw, generator, sawsall, jackhammer, chipping gun, negative air machine, water filter pump, HEPA vacuum, various hand tools, plastic bags, duct tape, spray glue, staple gun, fiber sealer, floor scraper, knee pads, and high lift.

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

Heavy.

Standing

Frequently on tile carpet, asphalt, concrete, uneven, debris and wet surfaces for up to 5 minutes at a time for up to 4 hours total in a work shift. Most commonly occurs while scraping asbestos off of ceilings and when taping off abatement areas.

Walking

Frequently on tile carpet, asphalt, concrete, uneven, debris and wet surfaces for distances of up to 100 feet for up to 3 minutes at a time for up to 6 hours total in a work shift. Most commonly occurs while cleaning up and scraping floors, scraping tiles and traversing to and from the work sites.

Sitting

Occasionally on an automobile seat for up to 1 hour at a time for up to 2 hours total in a work shift. Most commonly occurs while driving a County vehicle to and from the work sites.

Climbing stairs

Occasionally for up to 1 minute at a time while climbing 2 flights for up to 10 minutes total in a work shift. Most commonly occurs while entering and exiting work sites, loading and unloading the work truck and removing hazardous materials from work sites.

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Climbing

Frequently on a ladder and scaffolding to heights of 10 feet for up to 10 seconds at a time for up to 4 hours total in a work shift. Most commonly occurs while taping off work areas and scraping asbestos off of ceilings.

Balancing

Frequently on scaffolding, ladders and high lift at heights of up to 30 feet for up to 3 hours at a time for up to 6 hours total in a work shift. Most commonly occurs while taping off work areas and scraping asbestos off of ceilings.

Bending/Stooping

Frequently on tile carpet, asphalt, concrete, uneven, debris and wet surfaces for up to 5 minutes at a time for up to 4 hours total in a work shift. Most commonly occurs while removing asbestos flooring and taping off work areas. The employee can reduce bending/stooping by alternating with kneeling and crouching.

Kneeling

Frequently on tile carpet, asphalt, concrete, uneven, debris and wet surfaces for up to 5 minutes at a time for up to 4 hours total in a work shift. Most commonly occurs while removing asbestos flooring and taping off work areas. The employee can reduce kneeling by alternating with bending/stooping and crouching. Kneepads are available.

Crouching

Frequently on tile carpet, asphalt, concrete, uneven, debris and wet surfaces for up to 5 minutes at a time for up to 4 hours total in a work shift. Most commonly occurs while removing asbestos flooring and taping off work areas. The employee can reduce crouching by alternating with bending/stooping and kneeling.

Crawling

Frequently on tile carpet, asphalt, concrete, uneven, debris and wet surfaces for up to 5 minutes at a time for up to 4 hours total in a work shift. Most commonly occurs while removing asbestos flooring and taping off work areas. Kneepads are available.

Operating Controls with Feet

Occasionally for up to 1 hour at a time for up to 3 hours total in a work shift while driving a County vehicle and operating a high lift/boom lift.

Reaching above shoulder height

Frequently for up to 2 minutes at a time for up to 6 hours total in a work shift while taping off work areas and scraping asbestos off of ceilings.

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Reaching at waist to shoulder height

Frequently for up to 3 hours at a time for up to 6 hours total in a work shift while driving a County vehicle, scraping floors with an extended handle scraper, taping off work areas and removing lead paint.

Reaching at knee to waist height

Frequently for up to 3 hours at a time for up to 6 hours total in a work shift while driving a County vehicle, scraping floors with an extended handle scraper, taping off work areas and removing lead paint.

Reaching at floor to knee height

Frequently for up to 3 hours at a time for up to 6 hours total in a work shift while driving a County vehicle, scraping floors, taping off work areas and removing lead paint.

Lifting 1-10 pounds

Occasionally for up to 3 minutes at a time for up to 3 hours total in a work shift. Most commonly occurs with weights of 2-7 pounds while manipulating rolls of plastic, rolls of tape, various hand tools and spray glue.

Carrying 1-10- pounds

Frequently for distances of up to 100 feet for up to 5 minutes at a time for up to 5 hours total in a work shift. Most commonly occurs with weights of 2-7 pounds while transporting rolls of plastic, rolls of tape, various hand tools and spray glue to and from the work site.

Lifting 11-20 pounds

Occasionally for up to 5 minutes at a time for up to 1 hour total in a work shift. Most commonly occurs with weights of 13-18 pounds while manipulating rolls of plastic, cases of tape, bags of hazardous materials and power tools.

Carrying 11-20 pounds

Occasionally for distances of up to 100 feet for up to 5 minutes at a time and up to 2 hours total in a work shift. Most commonly occurs with weights of 13-18 pounds while transporting rolls of plastic, cases of tape, bags of hazardous materials and power tools to and from the work site.

Lifting 21-50 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 30-40 pounds while manipulating bags of hazardous materials and using a jackhammer.

Carrying 21-50 pounds

Occasionally for distances of 100 feet for up to 5 minutes at a time for up to 2 hours total in a work shift. Most commonly occurs with weights of 30-40 pounds

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while transporting bags of hazardous materials and various power tools to and from the work site.

Pushing and Pulling

Frequently for up to 5 minutes at a time with a force of up to 20 pounds for up to 6 hours total in a work shift while scraping asbestos off ceilings and floors.

Handling

Frequently for up to 5 minutes at a time for up to 6 hours total in a work shift while using various hand tools to scrape asbestos off ceilings and floors and remove lead paint.

Operating Controls with Hands

Frequently for up to 2 hours at a time for up to 6 hours total in a work shift while driving, and operating a sprayer, high lift and power tools.

Fingering

Frequently for up to 5 minutes at a time for up to 4 hours total in a work shift while using a spray can, taping and manipulating plastic.

Feeling

Rare for up to 5 seconds at a time for up to 10 seconds total in a work shift while feeling a pipe for temperature to see if it is too hot for asbestos removal.

Talking

Occasionally for up to 5 minutes at a time for up to 1 hour total in a work shift while conversing with co-workers and superiors about work duties.

Hearing

Occasionally for up to 5 minutes at a time for up to 1 hour total in a work shift while conversing with co-workers and superiors about work duties.

Tasting/Smelling

Rare for up to 5 seconds at a time for up to 5 seconds total in a work shift while identifying a filter that needs to be replaced.

Near acuity—clarity of vision at 20 inches or less

Continuously for up to 3 hours at a time for up to 9 hours total in a work shift while removing asbestos from floors and ceilings.

Far acuity—clarity of vision at 20 feet or more

Frequently for up to 2 hours at a time for up to 6 hours total in a work shift while driving and utilizing a high lift.

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Depth perception—three dimensional vision

Frequently for up to 2 hours at a time for up to 6 hours total in a work shift while driving and utilizing a high lift.

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 2 hours at a time for up to 6 hours total in a work shift while driving and utilizing a high lift.

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

Frequently for up to 2 hours at a time for up to 6 hours total in a work shift while driving.

TEMPERAMENTS

Directing, controlling, or planning activities of others: Rare

Performing repetitive or short-cycle work: Continuously

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

Performing a variety of duties: Rare

Working alone or apart in physical isolation from others: Rare

Working effectively under stress: Rare

Attaining precise set limits, tolerances, and standards: Continuously

Working under specific instructions: Continuously

Working with others: Continuously

Making judgments and decisions: Rare

ENVIRONMENTAL FACTORS

Work is performed in various King County Facilities containing asbestos and lead paint. The employee wears a protective suit and a respirator. Work is performed in a stressful environment with high heat and humidity, confined space and negative pressure enclosure with a full-face respirator, protective suit and gloves. The noise level ranges from moderately loud to loud.

Workers are exposed to

Outside weather: Occasionally

Extreme cold: Rare

Extreme heat: Rare

Wet: Continuous

Humidity/dampness: Continuous

Odors: Rare

Dusts: Rare

Moving mechanical parts: Rare

Vibration: Occasionally

Working in high, exposed places: Frequently

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POTENTIAL MODIFICATIONS TO JOB

Utilize a hand truck to reduce carrying.

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