

JOB TITLE: Line Worker Helper
EMPLOYEE:

DOT #: 821.361-026
CLAIM #



King County

KING COUNTY ON SITE JOB ANALYSIS

JOB TITLE Line Worker Helper

JOB CLASSIFICATION

DOT TITLE Line Repairer

DOT NUMBER 821.361-026

DEPARTMENT Transportation

DIVISION Transit

OF POSITIONS IN THE DEPARTMENT WITH THIS JOB TITLE 10

JOB STATUS

Full Time, Career Service.

ADDRESS OF WORKSITE

2255 4th Avenue South
Seattle, WA 98134

CONTACT'S NAME Mark McKeown

CONTACT'S PHONE (206) 263-6580

EMPLOYER JOB TITLE Chief of Power

DATE COMPLETED 5/22/02

VRC NAME Jeff Casem

DATE REVISED 5/18/09

WORK HOURS

Normal work hours are 8:00 am to 4:30 pm, Monday through Friday. Must be able to work swing (4:00 pm to 12:00 am), graveyard (12:00 am to 8:00 am), early (4:00 am to 12:00 pm), and weekend shifts. All shifts are rotated every three months.

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OVERTIME

Approximately 100 hours per year. Fair Labor Standards Act, Non-Exempt (hourly).

JOB DESCRIPTION

Assist line workers and electrician constructors in the maintenance and repair of transit's trolley overhead, underground distribution, and building electrical systems.

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

1. Washington State Drivers license is required
- 2.. Obtain Class B Commercial Driver's License within one year of employment.
3. Ability to obtain and maintain a first aid card, CPR card, forklift certification, and flagging certification.
4. Experience working on a line crew is preferred.

ESSENTIAL FUNCTIONS Listed in order of importance

1. Assists Line Crew in the operation and maintenance of the trolley overhead system.
2. Installs wood and steel poles.
3. Operates line trucks in the absence of a Line Material Worker in transporting Line Crews, equipment and materials to work sites.
4. Operates machinery such as a jackhammer, bucket truck, crane, combination truck, medium and large wire cutters, hydraulic hoist, chain hoist and power tools.
5. Pulls trolley poles off trolley with 52 pounds of force while running for up to 40 yards, with the other hand touching the back of the trolley, when jumping trolleys past line work area.
6. Installs foundations and steel poles.
7. Equips trucks with tools, equipment, and materials used by Line Crew workers.
8. Inspects Tools and equipment to ensure they are in appropriate working condition.
9. Fuels vehicles and checks fluid levels.

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10. Operates cab controls of trucks during line repair to ensure truck is appropriately positioned in accordance with overhead work area.
11. Prepares daily reports indicating location of repair work as well as type and proportion of equipment and materials used.
12. Assists crew members in trimming trees, shoveling dirt and gravel and setting poles.
13. Performs flagging duties including directing traffic around slow work zones.
14. Applies snow chains in equipment when required.
15. Works with high voltage downed wires in an emergency situation.
16. Responds to emergency repair calls during non-working hours as necessary.
17. Drives various County vehicles to and from various work sites.

TOOLS, MACHINES, EQUIPMENT, PRODUCTS, AND SERVICES USED

Wood and steel poles, heavy trucks (manual shift and power controls), jackhammer, bucket truck, crane, combination truck, medium and large wire cutters, sledge hammers, shovel, spools of wire/cable, hydraulic hoist, chain hoist, bus trolley poles, trolley switches, ladder, vault lids, hand tools, power tools, and rope.

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, but Very Heavy in this particular instance.

Standing

Continuously on all conceivable surfaces for up to 2.5 hours at a time for up to 7 hours total in a work shift. Most commonly occurs while digging, using a jackhammer, loading and unloading trucks, as well as when performing traffic control duties.

Walking

Frequently on all conceivable surfaces for distances of up to 40 yards for up to 5 minutes at a time for up to 4 hours total in a work shift. Most commonly occurs while loading and unloading trucks, jumping trolleys, setting service poles.

Sitting

Continuously on an automobile seat for up to 2 hours at a time for up to 6 hours total in a work shift. Most commonly occurs while driving and shifting truck into appropriate gear to activate hydraulic equipment.

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Climbing stairs

Occasionally for up to 30 seconds at a time while climbing one flight for up to 10 minutes total in a work shift. Most commonly occurs while climbing in and out of a truck and obtaining materials from the shop.

Climbing

Rare on a ladder to heights of up to 10 feet for up to 15 seconds a time for up to 30 seconds total in a work shift. Most commonly occurs while working on equipment in high places.

Balancing

Continuously on a ladder or uneven and slick surfaces at heights of up to 10 feet for up to 2.5 hours at a time and up to 7 hours total in a work shift. Most commonly occurs while walking on uneven ground or around holes without railings.

Bending/Stooping

Occasionally on all conceivable surfaces for up to 5 minutes at a time for up to 2 hours total in a work shift. Most commonly occurs while shoveling and setting pole foundations.

Kneeling

Occasionally on all conceivable surfaces for up to 5 minutes at a time for up to 15 minutes total in a work shift. Most commonly occurs while shoveling and setting pole foundations.

Crouching

Occasionally on all conceivable surfaces for up to 5 minutes at a time for up to 15 minutes total in a work shift. Most commonly occurs while shoveling and setting pole foundations.

Operating Controls with Feet

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

Reaching above shoulder height

Occasionally for up to 2 minutes at a time for up to 1.5 hours total in a work shift while jumping trolleys.

Reaching at waist to shoulder height

Continuously for up to 2 hours at a time for up to 6 hours total in a work shift while driving as well as using hand and power tools.

Reaching at knee to waist height

Occasionally for up to 10 minutes at a time for up to 2 hours total in a work shift while jack hammering.

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Reaching at floor to knee height

Occasionally for up to 10 minutes at a time for up to 2 hours total in a work shift while shoveling, loading and unloading equipment as well as lifting debris such as jack hammered concrete.

Lifting 1-10 pounds

Occasionally for up to 10 minutes at a time for up to 2 hours total in a work shift. Most commonly occurs with weights of 5-7 pounds while using a shovel, hand tools and wire.

Carrying 1-10- pounds

Continuously for distances of up to 40 yards for up to 2.5 hours at a time for up to 7 hours total in a work shift. Most commonly occurs with weights of 5-7 pounds while wearing a tool belt containing various hand tools.

Lifting 11-20 pounds

Frequently for up to 5 minutes at a time for up to 4 hours total in a work shift. Most commonly occurs with weights of 13-17 pounds while lifting a shovel full of wet dirt, pieces of jack hammered concrete, power tools and sacks of sand.

Carrying 11-20 pounds

Frequently for distances of up to 40 yards for up to 5 minutes at a time and up to 4 hours total in a work shift. Most commonly occurs with weights of 13-17 pounds while transporting pieces of jack hammered concrete, power tools and sacks of sand.

Lifting 21-50 pounds

Occasionally for up to 15 seconds at a time for up to 1 hour total in a work shift. Most commonly occurs with weights of 35-45 pounds while loading and unloading materials from truck.

Carrying 21-50 pounds

Occasionally for distances of up to 30 feet for up to 15 seconds at a time and up to 1 hour total in a work shift. Most commonly occurs with weights of 35-45 pounds while loading and unloading materials from truck.

Lifting 51-100 pounds

Occasionally for up to 5 seconds at a time for up to 30 minutes total in a work shift. Most commonly occurs with weights of 75-90 pounds while jack hammering as well as loading and unloading trolley switches and 6-foot long 2.5-inch diameter solid steel anchor bolts with four 2.5-inch bolts.

Carrying 51-100 pounds

Occasionally for up to 5 seconds at a time for up to 15 minutes total in a work shift. Most commonly occurs with weights of 75-90 pounds while loading and

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unloading trolley switches, jack hammer and 6-foot long 2.5-inch diameter solid steel anchor bolts with four 2.5-inch bolts.

Pushing and Pulling

Frequently for distances of up to 40 yards at a time with a force of 52 pounds (one handed) for up to 2 minutes at a time for up to 3 hours total in a work shift while jumping trolleys.

Handling

Continuously for up to 2.5 hours at a time for up to 7 hours total in a work shift while driving, using hand tools, digging and moving pieces of concrete.

Operating Controls with Hands

Continuously on an automobile seat for up to 2 hours at a time for up to 6 hours total in a work shift. Most commonly occurs while driving and shifting truck into appropriate gear to activate hydraulic equipment.

Fingering

Occasionally for up to 1 minute at a time for up to 1 hour total in a work shift while completing a timesheet, manipulating small wires, using wire nuts, loosening and tightening bolts and screws as well as using a ratchet or screwdriver.

Feeling

Occasionally for 2 minutes at a time for up to 2 hours total in a work shift while placing a hand on the rear of a trolley when jumping the trolley to identify deceleration.

Talking

Occasionally for up to 5 minutes at a time for 30 minutes total in a work shift while conversing with trolley drivers, line workers, co-workers and pedestrians.

Hearing

Continuously for up to 2.5 hours at a time for up to 7 hours total in a work shift while listening for potential hazards such as traffic and moving machinery.

Tasting/Smelling

Continuously for up to 2.5 hours at a time for up to 7 hours total in a work shift while smelling for electrical problems.

Near acuity—clarity of vision at 20 inches or less

Frequently for up to 1.5 hours at a time for up to 4 hours total in a work shift while preparing daily reports as well as inspecting tools and equipment.

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Far acuity—clarity of vision at 20 feet or more

Continuously for up to 2.5 hours at a time for up to 7 hours total in a work shift while driving and performing traffic control duties.

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 driving, performing traffic control duties and navigating on uneven ground as well as watching for trip hazards and holes

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

Continuously for up to 2.5 hours at a time for up to 7 hours total in a work shift while driving, watching for moving machinery and performing traffic control duties.

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

Continuously for up to 2.5 hours at a time for up to 7 hours total in a work shift while driving before dawn or after dusk. Some shifts and duties are performed at night.

TEMPERAMENTS

Directing, controlling, or planning activities of others: Continuously
Performing repetitive or short-cycle work: Continuously
Performing a variety of duties: Continuously
Working effectively under stress: Frequently
Attaining precise set limits, tolerances, and standards
Working under specific instructions: Occasionally- Frequently
Working with others: Continuously
Making judgements and decisions: Frequently

ENVIRONMENTAL FACTORS

Work is performed primarily in an outdoor setting around moving machinery and traffic with exposures to dusts, fumes, vibration and wetness. The noise level ranges from moderately loud to very loud.

Workers are exposed to

Outside weather: Continuously
Extreme cold: Occasionally
Extreme heat: Occasionally
Wet: Occasionally
Humidity/dampness: Occasionally
Fumes: Frequently
Odors: Frequently
Dusts: Frequently
Mists: Occasionally

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Gases: Rare

Moving mechanical parts: Continuously

Vibration: Frequently- Continuously

Working in high, exposed places: Rare

Other:

Noise sufficient to cause marked distractions or possible hearing loss. Worker is exposed to loud machinery such as a jackhammer and a bucket truck.

POTENTIAL MODIFICATIONS TO JOB

None Identified.

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