

EMPLOYEE:

CLAIM #



Job Analysis Form

ALTERNATE FORMAT AVAILABLE

JOB TITLE Paint Preparation Technician

JOB CLASSIFICATION Paint Preparation Technician

DICTIONARY OF OCCUPATIONAL TITLES (DOT) NUMBER 840.381-010

DOT TITLE Painter (construction)

DEPARTMENT Transportation

DIVISION Transit

OF POSITIONS IN THE DEPARTMENT WITH THIS JOB TITLE 4

CONTACT'S NAME & TITLE Heather Kilborn, Supervisor of Vehicle Maintenance

CONTACT'S PHONE 206-684-2229

ADDRESS OF WORKSITE

CSM-TR-0200

12200 East Marginal Way South

Seattle, WA 98168-5122

VRC NAME Kyle Pletz

DATE COMPLETED 1/29/08

DATE REVISED 5/12/09

WORK HOURS

40 hours per week, 8 hours per day Monday through Friday 6:00am-2:30pm.

OVERTIME (Note: Overtime requirements may change at the employer's discretion)

Optional on an occasional basis. It is offered by seniority or assigned by reverse seniority if no one volunteers.

JOB DESCRIPTION

Perform surface preparation and painting work on transit coach and other vehicle bodies and equipment. Paint Transit-related signs using basic silk-screen methods.

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 judgment.
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

- Eight years of basic education or demonstrated ability to read and write and follow verbal and written instructions.
- A Washington state driver's license.
- Ability to perform routine semi-skilled duties to assist journey-level painters in painting vehicles and facilities. The incumbent receives close supervision in performance of duties.
- Frequently sustained physical effort including bending, crouching, kneeling, twisting, reaching, grasping, and arm movement. Requires prolonged use of small pneumatic tools weighing up to approximately 10 pounds, occasional lifting of objects weighing up to 50 pounds and with assistance, the movement of heavier objects.
- Ability to use safety equipment such as respirators, gloves, and goggles.
- Ability to work in close proximity to noxious and toxic bases or chemicals.
- Ability to perform work near heavy, noisy operating equipment.
- Familiarity with painting terminology and six months of experience in painting and/or preparing surfaces for painting is desirable.

ESSENTIAL FUNCTIONS

1. Perform sanding, taping, papering and sandblasting tasks to a variety of transit vehicles and equipment, including buses, wreckers, trucks, and streetcars.
2. Prepare a variety of substrates for vehicles, transit coaches, upholstered equipment, signs and equipment.
3. Perform various tasks to prepare Metro buses, vehicles and signage for paint or decal application.
4. Sand, tape and mask surfaces for painting.
5. Clean, cut and prepare materials for signage.
6. Apply, remove and replace decals.
7. Strip vehicles and vehicle parts using various methods.
8. Clean painting equipment and work area.
9. May perform basic sign making techniques and tasks.
10. Work in a potentially hazardous environment using protective clothing, equipment, and materials.
11. Ensure proper use, storage, handling, and disposal of all hazardous materials.
12. Operate Metro vehicles as needed.

PERSONAL PROTECTIVE EQUIPMENT USED

Fall protection, full and partial face shields, reflective vests, goggles, respirators, impermeable body suits, hearing protection, steel toe boots, air-fed hood, knee pads, gloves (latex, chemical, etc.) and dust masks.

OTHER TOOLS & EQUIPMENT USED

Stencils, masking tape, sprayer, portable sandblaster, pressure washer, pen, paper, telephone, various platform lifts, power tools, ladders, putty, grinders, sanders, air compressor, scrapers,

airlines/hoses, utility knives and razor blades, taping knives, propane, butane torch, hoist, spray shield, drop cloths, fans, blowers, vents, various hand, pneumatic and power tools.

The paints and chemicals used in this position may include: latex's siliconized alkyds, lacquers, shellac's and varnishes, synthetic enamel, urethanes, primers-oil and latex, rust inhibitors, myratic acids, epoxies, metal etches, denatured alcohol, paint thinner, lacquer thinner, zylene, toluene, paint stripper, paint putties, detergents and degreasers.

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

Rarely = may occur less than 1% of the time

Never = does not ever occur (such demands are not listed)

Highly Repetitive = Repeating the same motion every few seconds with little or no variation for more than two hours total per day.

This job is classified as

Medium—exerting 20 to 50 pounds of force occasionally, and/or 10-25 pounds of force frequently, and/or up to 10 pounds of force constantly.

Standing

Health Care Provider initials if restricted_____

Occasionally on all cement and asphalt for 10-30 minutes at a time for up to 2 hours total in a work shift. Most commonly occurs while silk screening for signs as well as grinding, sanding, masking, scraping and cleaning surfaces. Standing varies daily according to duties performed.

Walking

Health Care Provider initials if restricted_____

Frequently on flat cement and asphalt surfaces for distances of up to 10 minutes at a time for up to 5 hours total in a work shift. Most commonly occurs while obtaining materials and parts as well as traversing between separate shops. The employee also needs to be able to walk out to the yard to obtain a coach and occasionally work on coaches in the yard.

Sitting

Health Care Provider initials if restricted_____

Frequently on a stool, rolling stool (creeper) or floor for up to 30 minutes at a time for up to 4 hours total in a work shift. Most commonly occurs while silk screening for signs as well as grinding, sanding, masking, scraping and cleaning surfaces. On a rare occasion the employee may need to drive a County vehicle to another base which requires sitting for up to 1 hour at a time for up to 2 hours total in a shift.

Climbing stairs

Health Care Provider initials if restricted_____

Occasionally for up to 1 minute at a time while climbing one flight for up to 15 minutes total in a work shift. Most commonly occurs while traversing within the facility in order to obtain supplies or to/from the break room.

Climbing

Health Care Provider initials if restricted _____

Rarely on a ladder to heights of up to 8 feet for up to 10 seconds at a time for up to 5 minutes total in a work shift. Most commonly occurs while grinding, sanding, masking, scraping and cleaning upper surfaces.

Balancing

Health Care Provider initials if restricted _____

Rarely on a ladder to heights of up to 8 feet for up to 5 minutes at a time for up to 10 minutes total in a work shift. Most commonly occurs while caulking, applying decals or performing spot work.

Bending neck up

Health Care Provider initials if restricted _____

Occasionally for up to 15 minutes at a time for up to 1 hour total in a work shift while taping, sanding, pressure washing, cleaning and scraping upper areas. Employees also bend the neck up when looking at upper areas that need work.

Bending neck down

Health Care Provider initials if restricted _____

Occasionally for up to 15 minutes at a time for up to 1 hour total in a work shift while taping, sanding, pressure washing, cleaning and scraping lower areas. Employees also bend the neck down when looking at areas that need work.

Bending/Stooping

Health Care Provider initials if restricted _____

Occasionally on flat cement surfaces repetitively for up to 5-10 minutes at a time for up to 1 hour total in a work shift. Most commonly occurs while cleaning, glazing, scraping, cleaning and masking low sections of a coach. On most occasions the employee can alternate bending/stooping with kneeling or squatting in accordance with preference. A rolling stool is available as well to reduce bending/stooping.

Kneeling

Health Care Provider initials if restricted _____

Occasionally on flat cement surfaces repetitively for up to 5-10 minutes at a time for up to 1 hour total in a work shift. Most commonly occurs while cleaning, glazing, scraping, cleaning and masking low sections of a coach. On most occasions the employee can alternate kneeling with bending/stooping or squatting in accordance with preference. A rolling stool is available as well to reduce kneeling.

Squatting

Health Care Provider initials if restricted _____

Occasionally on flat cement surfaces repetitively for up to 5-10 minutes at a time for up to 1 hour total in a work shift. Most commonly occurs while cleaning, glazing, scraping, cleaning and masking low sections of a coach. On most occasions the employee can alternate squatting with bending/stooping or kneeling in accordance with preference. A rolling stool is available as well to reduce squatting.

Crawling

Health Care Provider initials if restricted _____

Rarely on concrete and asphalt surfaces for up to 1 minute at a time for up to 5 minutes total in a work shift. Most commonly occurs while accessing lower, hard to reach areas on the coach when a lift is not available.

Operating Controls with Feet

Health Care Provider initials if restricted_____

Occasionally for up to 5 minutes at a time for up to 15-20 minutes total in a work shift while operating a truck, forklift or coach. On a rare occasion the employee may need to drive a County vehicle to another base which requires operating controls with the feet for up to 1 hour at a time for up to 2 hours total in a shift.

Reaching above shoulder height

Health Care Provider initials if restricted_____

Occasionally and highly repetitive for up to 1-2 minutes at a time for up to 2.5 hours total in a work shift while sanding, prepping, cleaning, glazing and masking high sections of a coach. When working at CSC (Component Supply Center) the employee can utilize a drop lift to reduce the amount of time of reaching above the shoulder.

Reaching at waist to shoulder height

Health Care Provider initials if restricted_____

Frequently for up to 30 minutes at a time for up to 4 hours total in a work shift while sanding, prepping, scraping, cleaning, glazing, silk screening and masking.

Reaching at knee to waist height

Health Care Provider initials if restricted_____

Occasionally for up to 5 minutes at a time for up to 15 minutes total in a work shift while sanding, prepping, cleaning, scraping, glazing, silk screening and masking. The employee can use a rolling stool to reduce amount of time reaching downward.

Reaching at floor to knee height

Health Care Provider initials if restricted_____

Occasionally on flat cement surfaces repetitively for up to 5-10 minutes at a time for up to 1 hour total in a work shift. Most commonly occurs while cleaning, glazing, scraping, sanding and masking low sections of a coach. A rolling stool is available to reduce amount of time reaching downward.

Lifting 1-10 pounds

Health Care Provider initials if restricted_____

Frequently for up to 1-2 hours at a time for up to 4 hours total in a work shift. Most commonly occurs with weights of 1-5 pounds while holding hand tools, pressure washer, scrapers, sanders, grinders and hoses.

Carrying 1-10 pounds

Health Care Provider initials if restricted_____

Occasionally for distances of 100 feet for up to 2 minutes at a time for up to 15 minutes total in a work shift. Most commonly occurs with weights of 5-10 pounds while carrying hand tools, paint cans, scrapers, pressure washer handle, paper, various supplies and compressor hoses as well as loading/unloading the truck.

Lifting 11-20 pounds

Health Care Provider initials if restricted_____

Occasionally for up to 2 minutes at a time for up to 15 minutes total in a work shift. Most commonly occurs with weights of 11-15 pounds while manipulating 1-gallon paint cans, power tools, panels, and compressor hoses as well as when manipulating various coach parts. Overhead cranes are available to reduce lifting.

Carrying 11-20 pounds

Health Care Provider initials if restricted_____

Occasionally for up to 100 feet for up to 2 minutes at a time for up to 15 minutes total in a work shift. Most commonly occurs with weights of 11-15 pounds while transporting 1-gallon paint cans, power tools, panels, and compressor hoses as well as when manipulating various coach parts. Overhead cranes and carts are available to reduce carrying.

Lifting 21-50 pounds

Health Care Provider initials if restricted_____

Rarely for up to 1 minute at a time for up to 5 minutes total in a work shift. Most commonly occurs with weights of 25-50 pounds while loading and unloading 5-gallon cleaning solvent cans and rolls of paper.

Carrying 21-50 pounds

Health Care Provider initials if restricted_____

Rarely for up to 1 minute at a time for up to 5 minutes total in a work shift. Most commonly occurs with weights of 25-50 pounds while loading and unloading 5-gallon cleaning solvent cans and rolls of paper. A cart can be used to reduce the amount of carrying.

Pushing and Pulling

Health Care Provider initials if restricted_____

Frequently of carts, dolly, sanders, grinders and scrapers with a force of 1-5 pounds for up to 30 minutes at a time for up to 4 hours total in a work shift while sanding, grinding, cleaning and scraping coaches in preparation for painting.

Handling

Health Care Provider initials if restricted_____

Continuously for up to 1 hour at a time for up to 6 hours total in a work shift while using a pressure washer, dolly, sanders, grinders, and various power and hand tools as well as when driving.

Operating Controls with Hands

Health Care Provider initials if restricted_____

Continuously & Highly Repetitive for up to 1 hour at a time for up to 7 hours total in a work shift while driving, operating overhead lifts and operating the platform lift as well as operating grinders, sanders, scrapers etc. On a rare occasion the employee may need to drive to another base which requires operating controls with hands for up to 1 hour at a time for up to 2 hours total in a shift.

Fingering

Health Care Provider initials if restricted_____

Continuously & Highly Repetitive for up to 1 hour at a time for up to 6 hours total in a work shift while masking, caulking, manipulating paper, scotch brightening and sanding.

Feeling

Health Care Provider initials if restricted_____

Continuously & Highly Repetitive for up to 1 hour at a time for up to 6 hours total in a shift while hand sanding as well as when feeling textures (for sanding and painting purposes) and identifying wet surfaces. The employee needs to be able to feel the amount of pressure on the sander when preparing surfaces for paint.

Talking

Health Care Provider initials if restricted_____

Frequently for up to 10 minutes at a time for up to 3 hours total in a work shift while conversing about duties, receiving directions and instructions, and communicating with co-workers in person and telephone. The employee also talks with supervisors and vendors.

Hearing

Health Care Provider initials if restricted

Continuously for up to 2.5 hours at a time for up to 7 hours total in a work shift while working in an area with moving equipment (such as coaches, lifts, power tools and cranes) and safety hazards (such as exhaust and diesel fumes). The employee also utilizes hearing when conversing about duties, receiving directions and instructions, and communicating with co-workers in person and telephone. The employee also communicates with supervisors and vendors.

Seeing

Health Care Provider initials if restricted

Continuously for up to 2.5 hours at a time for up to 7 hours total in a work shift while inspecting quality of painting, cleaning, pressure washing, and scraping of surfaces. The painter also uses vision when writing, reading, inspecting projects for work quality, operating an automobile and identifying appropriate color of paints. Vision is also utilized while working in an area with moving equipment (such as coaches, lifts, power tools and cranes) and various safety hazards.

Working with Heightened Awareness

Health Care Provider initials if restricted

Continuously for up to 2.5 hours at a time for up to 7 hours total in a work shift while working in elevated and recessed areas, working around moving machinery and working around potentially hazardous and toxic chemicals.

ENVIRONMENTAL FACTORS

Work is performed in outside weather conditions, indoors, in an office setting, and multiple types of buildings that may have poor ventilation. Workers are continuously exposed to paint and solvent fumes as well as toxic chemicals. The employee is occasionally exposed to vehicle exhaust, cleaning chemicals, oils, gasoline, diesel fuel, and hydraulic fluid. The employee also works around 600-volt electrical power lines for the trolleys; they do not work on the lines but are around them in the shop.

The noise level is

Approximately 90-110 decibels. The noise is caused by diesel engines and impact tools.

HCP Initials if Restricted

Work environment may include the following exposure(s):

Outside weather: Rare
Non-weather related temperatures above 75 degrees: Occasionally
Wet: Rarely
Humidity/dampness: Rarely
Fumes: Continuously
Odors: Continuously
Dusts: Continuously
Mists: Occasionally
Gases: Occasionally
Moving mechanical parts: Frequently
Vibration: Frequently
Working in high, exposed places: Occasionally
Toxic or caustic chemicals: Frequently

HCP Initials if Restricted

POTENTIAL MODIFICATIONS TO JOB

Utilize cart to reduce carrying.

Anti-vibration gloves for increased comfort when performing grinding and sanding (available for use).

Rolling stool to reduce squatting, bending and kneeling (available for use).

Lightweight sanders with ergonomic grip (available for use).

Face shield with fresh air supply to reduce breathing exposures (available for use).

Rotate tasks in order to reduce repetitive motions.

Lower or raise coach to reduce overhead or below waist reaching (available for use).

Utilize various hoists to reduce lifting and carrying (available for use).

SIGNATURES

Signatures on this page are obtained before the document becomes available for use and are not required each time the document is reused. Obtained signatures are kept on file at King County Safety & Claims. The Health Care Provider signature section is separate and appears on the following page.

Printed name & title of VRC evaluator

Signature of VRC evaluator

Date

Printed name & title of contact

Signature of contact

Date

Printed name & title of employee

Signature of employee

Date

HEALTH CARE PROVIDER SECTION

Check all that apply

- ☐ The employee is released to perform the described duties without restrictions on performance or work hours as of _____.
- ☐ The employee is released to perform the described duties on a reduced schedule as of _____. 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