

EMPLOYEE:

CLAIM #

Job Analysis Form

ALTERNATE FORMAT AVAILABLE



JOB TITLE Airport Painter

JOB CLASSIFICATION Painter I

DICTIONARY OF OCCUPATIONAL TITLES (DOT) NUMBER 840.381-010

DOT TITLE Painter

DEPARTMENT Transportation

DIVISION Airport# **OF POSITIONS IN THE**

DEPARTMENT WITH THIS JOB TITLE 1

CONTACT'S NAME & TITLE Raleigh Salazar, Building and Trades Manager

CONTACT'S PHONE 206-296-7380

ADDRESS OF WORKSITE

AIR-TR-0200

6518 Ellis Avenue South, PO Box 80245
Seattle, WA 98108

VRC NAME Kyle Pletz

DATE COMPLETED 8/15/08

VRC NAME Jeff Casem

DATE REVISED 6/24/09

WORK HOURS

This is a 40 hour per week position and the hours of the work can be day shift, swing shift or night shift, Monday through Thursday or Tuesday through Friday, 10 hours per day. Additional shifts may be assigned based on business need

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

Required on an occasional basis. Overtime is based on business demand such as when certain runways and areas of the airport can be closed to be painted. Overtime is more prevalent during the April through August months for striping and exterior building work; late September through late March for interior painting. In addition Overtime in support of Airport needs during inclement weather and emergencies.

JOB DESCRIPTION

Perform Journey level paint duties around aircraft departure, landing and taxiing operations on the Airfield. Paint Airport Facilities, Structures and Roads.

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.

7.

JOB SPECIFIC REQUIREMENTS

- Thorough knowledge of the standard practices, materials and tools of the painting trade.
- Knowledge of paints, undercoats, epoxies, varnishes, enamels, paint removers and their properties and application.
- Knowledge of abrasives, fillings and solvents.
- Knowledge of preparing, mixing, blending, harmonizing and contrasting colors.
- Knowledge of occupational hazards of the painting trade and precautionary measures to be observed.
- Knowledge of bead emulsification in paints and application.
- Skill in painting Fleet and Heavy equipment finishes.
- Skill at troubleshooting paint quality issues to achieve the highest quality of finished markings.
- Skill in establishing and maintaining effective working relationships with others. Includes dealing with tenants, administrators, and FAA personnel.
- Skill in expressing and conveying ideas effectively, orally and in writing.
- Skill in applying paints and other finishes with brushes or spray gun.
- Skill in mixing and matching paints.
- Skill in working at heights from ladders and scaffolding.
- Strong interpersonal and communication skills.
- Ability to properly operate multiple radio sets and hand held communication devices.
- Ability to distinguish runway/taxiway markings and symbols.
- Ability to lift, carry, and move up to 50 pounds.
- Ability to perform work outdoors and in inclement weather.
- Ability to walk for extensive distances pushing striper equipment.
- Ability to communicate clearly and precisely in common aviation terms over multiple radio sets and hand held communication devices.
- Ability to calculate material needs over surface distance, area or size.
- Ability to proficiently operate paint striper equipment in order to paint aircraft Runway/Taxiway system directional and location markings to exact FAA specifications as well as a paint airfield structures, fixtures and equipment to exact FAA standards.
- Ability to operate road striper and thermal plastic machine.
- Ability to work independently and in a team environment.
- Ability to have predictable and reliable attendance.
- Candidate must obtain First Aid, CPR and airfield driver's certifications within 3 months after start of employment.
- A valid Washington State Driver's License is required.

ESSENTIAL FUNCTIONS

- 1) Thoroughly understand operational instructions defined by ATCT personnel via radio and light signals while working within active aircraft movement areas.

- 2) Perform paint duties around aircraft departure, landing and taxiing operations. Conduct duties in a professional and efficient manner under stressful conditions.
- 3) Operate and paint, accurately, with a industrial paint striper. To adhere to strict FAA standards.
- 4) Prepare a variety of surfaces for and apply protective coatings to both interiors and exteriors of buildings, facilities and amenities, equipment and furnishings. Mixes and matches paints, varnishes, enamel, lacquer, epoxy, and other toxic finishes.
- 5) Repair finishes on metals, woods and plastics.
- 6) Operates and maintains a self-propelled pain striping machine for striping parking lots and roads.
- 7) Installs, repairs and repaints signs and makes new signs from stencils. Applies computer cut stencils.
- 8) Operate, clean and maintain equipment related to the application of protective coatings.
- 9) Prepare progress reports on jobs; maintain materials and labor cost records.
- 10) Finish and refinish cabinet furniture.
- 11) Use stencils, line stripe equipment, taping and masking.
- 12) Prepare time and material estimates; order materials and supplies, schedule equipment, labor and materials for each project.
- 13) Maintain paint inventories and supplies.
- 14) Rig and erect scaffolding, operate equipment such as high lift, scissor lift, forklift and power tools.
- 15) Finish drywall. .
- 16) Ensure proper use, storage handling and disposal of all hazardous materials.
- 17) Read and interpret plans, layouts and color specifications.
- 18) Employee must be able to assist with emergency situations such as adverse weather related issues at the airport such as clearing snow with a plow; deicing, spreading sand, opening/closing gates in a power outage, acting as an escort etc.

PERSONAL PROTECTIVE EQUIPMENT USED

Dusk mask, full and partial face shield, goggles, respirators, hearing protection, reinforced boots, knee pads, gloves and reflective vests.

OTHER TOOLS & EQUIPMENT USED

Paint brush, roller, vehicle, scarfier, forklift, stencils, line strip equipment, masking tape, paint sprayer, pressure washer, pen, paper, computer, telephone, high lift, scissors lift, scaffolding, ladders, putty, grinders, needle gun, air compressor, scrapers, airlines/hoses, utility knives and razor blades, taping knives, putty knife, propane, butane torch, 2-way radio, hoist, spray shield, hand masker, drop cloths, fans, blowers, vents, propane heaters, solvent recycler, drywall, tape, mud, wrenches, screw gun, screwdriver, and various hand and power tools.

The paints and chemicals used in this position may include: latex's siliconized alycids, lacquers, shellac's and varnishes, synthetic enamel, eurothanes, primers-oil and latex, rust inhibitors, myratic acids, epoxies, metal etches, denatured alcohol, paint thinner, lacquer thinner, zylene, tuolene, acetone, MEK (methol ethol keytone), paint stripper, petroleum distillates, 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

Heavy—exerting 50-100 pounds of force occasionally, and/or 25-50 pounds of force frequently, and/or 10-20 pounds of force constantly to move objects.

Standing

Health Care Provider initials if restricted_____

Frequently to continuously on all conceivable surfaces for up to 2-4 hours at a time for up to 6-8 hours total in a work shift. Most commonly occurs while performing interior painting tasks such as masking, sanding, painting, scraping and cleaning surfaces. The employee also stands while pressure washing. Standing varies according to duties performed (ie. more walking with striping).

Walking

Health Care Provider initials if restricted_____

Continuously on flat cement and asphalt surfaces for distances of up to 2.5 miles for up to 30 minutes at a time for up to 8 hours total in a work shift. Most commonly occurs while line striping an airfield that is approximately 2.5 miles long. The employee also walks when moving stencils, painting, moving equipment and inspecting projects.

Sitting

Health Care Provider initials if restricted_____

Occasionally on a car seat, office chair, stool or floor for up to 30 minutes at a time for up to 3 hours total in a work shift. Most commonly occurs while driving line striping truck, recording time and labor hours, performing computer work (minimal)/paperwork, driving an automobile, as well as attending classes and meetings.

Climbing stairs

Health Care Provider initials if restricted_____

Occasionally for up to 3 minutes at a time while climbing on flight for up to 2 hours total in a work shift. Most commonly occurs while painting stairwells as well as when carrying equipment to upper floors for various interior projects.

Climbing

Health Care Provider initials if restricted_____

Occasionally on a ladder to heights of up to 24 feet for up to 15 minutes at a time for up to 2 hours total in a work shift. Most commonly occurs while painting, scraping, or masking the exterior/interior of buildings as well as when painting the upper portions of walls, ceilings or equipment.

Balancing

Health Care Provider initials if restricted_____

Frequently on platforms, lifts, ladders and scaffolding at heights of up to 40 feet for up to 2 hours at a time for up to 6 hours total in a shift. On a rare occasion the employee may need to work on a rented 60-80 foot high lift. Most commonly occurs while painting and prepping high areas on buildings.

Bending neck up

Health Care Provider initials if restricted _____

Occasionally for up to 15 minutes at a time for up to 2 hours total in a shift while painting, scraping, or masking the exterior/interior of buildings as well as when painting the upper portions of walls, ceilings or equipment.

Bending neck down

Health Care Provider initials if restricted _____

Frequently for up to 15 minutes at a time for up to 4 hours total in a shift while striping, painting, taping and sanding lower areas. The employee may paint, sand or prep objects on a table which require bending the neck down. The employee may also perform striping duties which could require painting a 2.5 mile long airfield.

Bending/Stooping

Health Care Provider initials if restricted _____

Frequently on flat cement surfaces repetitively for 30 minutes at a time for up to 4 hours total in a work shift. Most commonly occurs while cleaning, patching, painting, scraping, masking, and drywall taping/mudding low sections of a wall. The painter may also bend while painting, masking, cleaning, or scraping equipment as well as getting in/out of a vehicle and stenciling. On most occasions the employee can alternate bending/stooping with kneeling or squatting in accordance with preference.

Kneeling

Health Care Provider initials if restricted _____

Occasionally on flat cement surfaces repetitively for 1-3 minutes at a time for up to 1 hour total in a work shift. Most commonly occurs while cleaning, patching, painting, scraping, masking, and drywall taping/mudding low sections of a wall. The painter may also bend while painting, masking, cleaning, or scraping equipment as well as getting in/out of a vehicle and stenciling. On most occasions the employee can alternate kneeling with bending/stooping or squatting in accordance with preference.

Squatting

Health Care Provider initials if restricted _____

Occasionally on flat cement surfaces repetitively for 1-3 minutes at a time for up to 1 hour total in a work shift. Most commonly occurs while cleaning, patching, painting, scraping, cleaning, masking, and drywall taping low sections of a wall. The painter may also squat while painting, masking, cleaning, or scraping equipment as well as getting in/out of a vehicle, touching up graffiti and mixing paint. On most occasions the employee can alternate squatting with bending/stooping or kneeling in accordance with preference.

Crawling

Health Care Provider initials if restricted _____

Occasionally on concrete surfaces for up to 1-3 minutes at a time for up to 1 hour total in a work shift. Most commonly occurs while accessing lower, hard to reach areas and painting low and awkward to reach places. Employee also crawls when doing prep work such as taping, mudding, masking and sanding.

Operating Controls with Feet

Health Care Provider initials if restricted _____

Frequently for up to 30 minutes at a time for up to 4 hours total in a shift while operating a van, forklift and striper truck.

Reaching above shoulder height

Health Care Provider initials if restricted_____

Frequently for up to 30 minutes at a time for up to 5 hours total in a work shift while sanding, nibbing, rolling, cleaning, patching, painting, scraping, masking, and drywall taping/mudding upper sections of a wall, equipment or buildings.

Reaching at waist to shoulder height

Health Care Provider initials if restricted_____

Frequently for up to 30 minutes at a time for up to 4-6 hours total in a work shift while driving, cleaning, patching, painting, scraping, masking, and drywall taping/mudding walls, buildings, and objects. The painter may also reach at waist to shoulder height while driving as well as performing office and computer work.

Reaching at knee to waist height

Health Care Provider initials if restricted_____

Frequently for up to 30 minutes at a time for up to 4-6 hours total in a work shift while cleaning, patching, painting, scraping, masking, and drywall taping/mudding walls, buildings, and objects. The painter may also reach at knee to waist height while moving buckets and supplies or power washing.

Reaching at floor to knee height

Health Care Provider initials if restricted_____

Frequently for up to 30 minutes at a time for up to 4-6 hours total in a work shift while cleaning, patching, painting, scraping, masking, and drywall taping walls, buildings, and objects. The painter may also reach at floor to knee height while moving buckets and supplies or power washing.

Lifting 1-10 pounds

Health Care Provider initials if restricted_____

Frequently to continuously for up to 1-2 hours at a time for up to 6-8 hours total in a work shift. Most commonly occurs with weights of 5-10 pounds while holding hand tools, paint cans, rollers, paintbrushes, pressure washer, scrapers, sprayers, and compressor hoses.

Carrying 1-10 pounds

Health Care Provider initials if restricted_____

Frequently for distances of 25 feet for up to 1 hour at a time for up to 4-6 hours total in a work shift. Most commonly occurs with weights of 5-10 pounds while carrying hand tools, paint cans, rollers, paintbrushes, scrapers, pressure washer handle, sprayers, and compressor hoses as well as loading/unloading the truck.

Lifting 11-20 pounds

Health Care Provider initials if restricted_____

Frequently for up to 15 minutes at a time for up to 6 hours total in a work shift. Most commonly occurs with weights of 10-15 pounds while transporting 1-gallon paint cans, sprayers, hand tools and compressor.

Carrying 11-20 pounds

Health Care Provider initials if restricted_____

Frequently for distances of 25-100 feet for up to 5 minutes at a time for up to 4-6 hours total in a work shift. Most commonly occurs with weights of 15 pounds while transporting 1-gallon paint cans, sprayers, various power tools, and compressor hoses to and from the work site.

Lifting 21-50 pounds

Health Care Provider initials if restricted _____

Occasionally for up to 15 minutes at a time for up to 2 hours total in a work shift. Most commonly occurs with weights of 25-40 pounds while loading and unloading partially filled 5-gallon paint cans, sprayers, reflective glass beads, various power tools, and compressor hoses.

Carrying 21-50 pounds

Health Care Provider initials if restricted _____

Occasionally for up to 15 minutes at a time for up to 2 hours total in a work shift. Most commonly occurs with weights of 25-40 pounds while transporting partially filled 5-gallon paint cans, sprayers, reflective glass beads, various power tools, and compressor hoses.

Lifting 51-100 pounds

Health Care Provider initials if restricted _____

Rare for up to 20 seconds at a time for up to 5 minutes total in a work shift. Most commonly occurs with weights of up to 75 pounds while placing or removing 5-gallon buckets of paint, drywall or pieces of equipment on or off shelves as well as in and out of a truck. Employee must manipulate, lift and carry large stencils which can weigh up to 150 pounds; this is performed with the assistance of a coworker.

Carrying 51-100 pounds

Health Care Provider initials if restricted _____

Rare for up to 100 feet for up to 1 minute at a time for up to 1-2 minutes total in a work shift. Most commonly occurs with weights of up to 75 pounds while transporting 5-gallon buckets of paint or pieces of equipment to or from shelves or a truck. Employee must manipulate, lift and carry large stencils which can weigh up to 150 pounds; this is performed with the assistance of a coworker.

Pushing and Pulling

Health Care Provider initials if restricted _____

Frequently for distances of 250 feet at a time with a force of 15 pounds for up to 4 hours total in a work shift while transporting carts, dolly, air compressor, paint sprayer, striper, machinery and equipment to and from work site. On a rare occasion the Painter may need to exert 50-100 pounds of pushing/pulling force to manipulate a stencil. On a rare occasion (summer months) the employee may have to operate striping equipment for up to 2.5-3 hours at a time for up to 8 hours total in a shift.

Handling

Health Care Provider initials if restricted _____

Continuously for 1 hour at a time for up to 8 hours total in a work shift while using a sprayer, pressure washer, dolly, air compressor, paint roller, and various power tools as well as when driving and striping.

Operating Controls with Hands

Health Care Provider initials if restricted _____

Continuously for up to 1 hour at a time for up to 8 hours total in a work shift while driving, as well as using a sprayer, striping truck, pressure washer, man lift, scissors lift, air compressor, and various power tools. It is noted that the striping truck required steering as well as activating paint sprayer at the same time.

Fingering

Health Care Provider initials if restricted _____

Occasionally for 2 hours at a time for up to 2 hours total in a work shift while masking, caulking, performing equipment repair, operating a computer via the keyboard and mouse, writing, using razors, putty knife and using paint brushes.

Feeling

Health Care Provider initials if restricted _____

Occasionally for up to 30 minutes at a time for up to 3 hours total in a shift while nibbing and hand sanding as well as when feeling textures (for sanding and painting purposes) and identifying wet surfaces.

Talking

Health Care Provider initials if restricted _____

Occasionally 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 via 2-way radio. The employee must be able to communicate with the air traffic control tower using clear and concise aviation English terms. The employee also talks with supervisors, coworkers and vendors.

Hearing

Health Care Provider initials if restricted _____

Continuously for up to 2.5 hours at a time for up to 9 hours total in a work shift while identifying potential hazards such as moving machinery, airplanes, alarms, beacons, and sirens. The employee also utilizes hearing when conversing about duties, receiving directions and instructions, and communicating with co-workers, vendors and supervisors in person and via 2-way radio. The employee must be able to communicate with the air traffic control tower using clear and concise aviation English terms.

Seeing

Health Care Provider initials if restricted _____

Continuously for up to 4 hours at a time for up to 10 hours total in a work shift while identifying potential hazards such as moving machinery, airplanes, alarms, beacons, and sirens. Vision is also used while inspecting quality of painting, cleaning, sandblasting, pressure washing, and scraping of surfaces. The painter also uses vision when writing, reading, and performing computer and office work, inspecting projects for work quality, operating an automobile and identifying appropriate color of paints.

Working with Heightened Awareness

Health Care Provider initials if restricted _____

Continuously for up to 4 hours at a time for up to 10 hours total in a work shift while identifying potential hazards such as moving machinery, airplanes, alarms, beacons, and sirens. The employee also works in elevated areas, working around moving machinery and working around potentially hazardous and toxic chemicals.

ENVIRONMENTAL FACTORS

Work is performed at the King County Airport 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. Employee is also exposed to jet fumes, slick surfaces, extreme noises, high temperatures, prop wash and jet blast.

The noise level is

Approximately 50-140 decibels. The noise is caused by hand tools and airplanes.

HCP Initials if Restricted

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Work environment may include the following exposure(s):

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

HCP Initials if Restricted

POTENTIAL MODIFICATIONS TO JOB

Tommy-lift to reduce heavy lifting of equipment in and out of the van (available for use).
Anti-vibration gloves for increased comfort when performing striping duties (using the scarifier).
Hand truck is available to reduce carrying.
Extension handles for roller to reduce overhead reaching.
Scaffolding to reduce overhead reaching.

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.

Kyle Pletz, VRC, Vocational Consultant

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