

***Nothing in this job description restricts management's right to assign or reassign duties and responsibilities to this job at any time.***

**DUTIES** Serves as a full performance (journey level) Painter at Ronald Reagan Washington National Airport (DCA). Applies paint and other finishes to a variety of interior and exterior airport structures, pavements, and equipment. Sands, scrapes, patches, or otherwise prepares surfaces prior to painting. Paints markings on airfield, streets, and parking lot pavements. Uses schematics and blueprints to identify placement of airfield lines and markings. Applies automotive commercial or yellow fleet industrial paints and finishes to airport vehicles. Performs related functions.

Applies paint and other finishes using brushes, rollers, or spray equipment to interior and exterior surfaces such as drywall, plaster, metal, or wood. Selects appropriate paints, finishes, and tools consistent with the object to be painted. Uses primers or rust-inhibitive enamel on appropriate surfaces or where durability is needed. Sprays or rolls wall with latex paint, and brushes trim with enamel. Paints or sprays building exteriors and structures such as light poles. Ensures paint is applied evenly and that color is consistent over the entire surface being painted. Follows manufacturers' directions for thinning, mixing, and applying primers or coating materials such as enamel, latex, varnish, polyurethane, shellac, or lacquer. Occasionally matches colors, shades, and textures of interior finishes where exact matching is desired.

Determines steps and equipment needed to ensure proper preparation of surfaces. Protects areas not to be painted by covering with drop cloths or using masking tape on accessories and trim. Removes old coating or grime by sanding, grinding, sandblasting, water blasting, wire brushing, or scraping. Repairs surfaces by spackling, plastering, caulking joints, filling nail holes, or sanding rough spots. Ensures that surfaces are prepared according to the type of finish desired (e.g., drywall sanded to a smooth, glass-like surface). Builds up, shapes, and levels surfaces as needed.

Works from scaffolds or lifts to paint hard-to-reach, interior surfaces such as ceilings, high walls, or structures inside terminals, as needed. Uses elevated platforms, bucket trucks, ladders, or other equipment to reach high areas.

Lays out pavement markings such as center lines, edge lines, or turning arrows on airfield, roads, or parking lots. Uses schematics and blueprints, and precisely measures placement of markings to meet highway and airfield specifications. Ensures striping equipment is properly aligned so that airfield markings meet Federal Aviation Administration (FAA) specifications. Uses push striper for small areas such as parking lots. Uses grinder to remove old markings from pavement. Troubleshoots and maintains striping equipment at the operator level. May be assigned on a continuing basis to drive airfield striping truck, operate the truck's controls, and maintain the truck by disassembling hoses, filters, pumps, spray guns, and bead dispensing guns for cleaning. Ensures the appropriate temperature and ratio of reflective glass spheres to gallons of paint are used for striping. Occasionally creates new roadway and airfield stencils for directional marking on paved surfaces (e.g., Slow, Stop, etc.).

Uses thermal-plastic, preformed traffic tape for high-wear areas of airport streets such as

crosswalks or stop bars. Measures, cuts, and installs materials using propane torch to ensure adhesion of plastic to road surface. Installs long lines such as center or edge lines using push-type thermal-plastic machine where preformed tape is not practical. Heats material to required melting temperature and applies with die. Pays strict attention to all highway specifications for markings. Monitors all operating procedures of machine to ensure compliance with all safety rules and regulations.

Applies finishes to vehicles using materials such as metallic paint, two-part primer, catalyst, sealer, or hardener. Determines materials to be used based on surface being painted (e.g., metals, fiberglass, or rubber) and purpose of finish (e.g., durability from exposure to weather or frequent washings, or the need to retain gloss and not chip). Blends paints and finishes to match undamaged body panels and achieve a commercial finish. Uses acrylic enamel mixed with appropriate acrylic thinners depending on the temperature to achieve a durable, industrial finish on yellow fleet vehicles such as pick-up trucks, sweepers, or snow equipment. Applies coatings using air-supplied spray equipment and brushes. Applies or removes decals and markings from airport vehicles and equipment.

Occasionally finishes furniture by sanding, or by staining, spraying, or brushing with shellac, varnish, or polyurethane.

Cleans work area, brushes, rollers, and other tools and equipment. Assembles and disassembles scaffolds. Ensures that hazardous waste materials such as thinners and cleaning products are disposed of according to established safety procedures. Performs operator level maintenance on spray equipment, paint pumps, airfield paint striper, push striper, spray guns, and high pressure washers. Repairs tools and equipment as needed.

Uses a computer, office productivity software (such as MS Office), specialized software (such as the Computerized Maintenance Management System [CMMS]), and radio and telecommunication devices, to plan, schedule, communicate, obtain/close out work orders, etc.

Drives a pick-up truck to airport locations. Operates equipment such as forklift, bucket truck, and scissor lift.

Communicates and interacts effectively with internal and external business contacts, including but not limited to other members of the unit/team, other Airports Authority employees, vendors/suppliers/service contractors/tenants, airport users, and the general public.

\*May substitute for the supervisor when needed.\*

\*Performs other duties as assigned.\*

***Critical features of this job are described under the headings below. They may be subject to change through reasonable accommodation or otherwise.***

## **MINIMUM QUALIFICATIONS (MQs)**

To be rated qualified for this job, an applicant must meet both of the MQs listed below at the time of vacancy announcement closure.

1. A high school diploma or a Certificate of General Educational Development (GED); or an equivalent combination of education, experience, and training.
2. Four years of progressively responsible experience (post high school) in the painting trade, which includes journey level knowledge of, and skill in using the proper procedures for preparing a wide variety of interior and exterior surfaces (including drywall, plaster, metal, wood, and masonry), and applying a wide variety of finishes (including latex paint, enamel, primer, varnish, polyurethane, shellac, or lacquer) to those surfaces.

### **PREFERRED QUALIFICATIONS**

The qualifications listed below (if any) are preferred and may be considered in the selection process, but they are not required to be rated qualified for this job.

1. Knowledge of striping procedures and equipment, including the use of striping trucks and line stripers.
2. Experience in automotive painting or repair, including automotive spraying or minor bodywork.

### **KNOWLEDGE, SKILLS, ABILITIES AND OTHER FACTORS (KSAOs)**

The following KSAOs are required for successful performance of this job and are a basis for rating and ranking applicants who are found to meet the MQs. *Local, Federal, airport industry or Airports Authority specific bodies of knowledge listed below may be acquired on the job, typically; ability to rapidly acquire them is required at the time of vacancy announcement closure.*

1. Full performance (journey) level knowledge of the painting trade to perform a wide range of work in painting interior and exterior buildings, runways, roads and vehicles; this includes applying thermo-plastic to roads and parking lots.
2. Knowledge of painting tools and equipment used to prepare drywall, plaster, wood, metal, vehicle exteriors, concrete, asphalt and other surfaces/equipment for coating and to apply coatings to such surfaces to achieve durable industrial or commercial finishes in accordance with specifications, instructions and trade standards/practices.
3. Knowledge of the proper use and application of various materials, primers, and additives including metallic and acrylic paints, catalysts, rust inhibitors, thinners, sealers, latex enamel, varnish, shellac, polyurethane, epoxy, resin, and patching compounds. This includes knowledge of thinners (e.g., water, naphtha, mineral spirits, etc.) to achieve proper consistencies, ratios for combining materials (e.g., amount of reflective glass beads for specific gallons of paint), and acrylic formulas (e.g., adjustments based on drying

temperature).

4. Skill in using a wide variety of tools and equipment (such as brushes, rollers, sanders, scrapers, spray guns, grinders, paint striping vehicle, airfield and push stripers, and thermal-plastic propane torch) to meet the requirements of the job. This includes:
  - Skill in using scrapers, sanders, grinders, sandblasters, trowels, and hand tools, etc. to prepare clean, even and smooth surfaces for coating,
  - Skill in using sprayers, rollers and brushes to achieve standard finish or specified fine finish, including commercial automotive and durable industrial finishes,
  - Skill in maintaining and repairing equipment such as airless and conventional sprayers, paint pumps, airfield and push stripers, spray guns, and high-pressure washers, and
  - Skill in operating controls of paint striping vehicle to ensure proper pressures are applied and thickness of paint on markings is at least six millimeters.
5. Skill in problem solving to select, organize, and logically process relevant information (verbal, numerical, or abstract) to solve a problem. This includes skill in using operator manuals to assemble and adjust equipment, and in using FAA/Virginia specifications and tapes, rules and squares to perform work according to Federal and State specifications. This includes skill in using FAA regulations to lay out precise markings on the Air Operations Area (AOA) to conform to FAA Advisory Circulars. (Acquisition of this skill is required within ninety days of hire or placement into the job.) This also includes skill in using Federal and Virginia specifications to lay out precise pavement markings on public roadways. (Acquisition of this skill is required within ninety days of hire or placement into the job.)
6. Skill in oral communication to understand verbal information (including instructions, descriptions, and ideas) and to express such information verbally so that others will understand. Examples include exchanging information with business contacts about trouble calls, corrective actions needed/taken, and supplies needed.
7. Skill in written communication to understand written information (including instructions, descriptions, and ideas) and to express such information in writing so that others will understand. Examples include reading material labels, equipment instructions, maintenance schedules, work orders, Material Safety Data Sheets (MSDS) and such administrative-programmatic materials as Airports Authority supply procedures, and writing briefly about work matters (such as closing out work orders).
8. Skill in using a computer and modern office productivity software (such as MS Office) to plan, schedule and communicate (email), skill in using specialized software (such as the electronic timecard system to record one's time and attendance and the Computerized Maintenance Management System to obtain/close out work orders), and skill in using a two-way radio and other telecommunication devices to exchange work information.
9. Ability to work safely and knowledge of the safety rules and procedures needed to do so.

10. Interpersonal skills to interact with business contacts in a businesslike, customer service-oriented manner.

**RESPONSIBILITY** Is responsible, at the full performance (journey) level, for preparing and applying various coatings to interior and exterior structures/equipment, parking lots, roadways and airfields and, occasionally, vehicle exteriors. Ensures that airfield and street markings are painted to specific dimensions and millimeters of thickness of paint to meet required specifications. Independently plans, lays out and completes assignments. Works alone and as a team member on a crew. May pass on assignments to lower grade painters. Refers to the Supervisor when unusual problems occur. The work is checked for such factors as quantity, quality (including compliance with work orders, regulations and accepted trade practices), timeliness, customer service, and specified performance goals and measures.

**EFFORT** Work is active and requires moderate to heavy physical exertion. Frequently moves around the paint shop and terminals. Stands, stoops, bends, kneels, works with arms raised overhead, or otherwise positions self to prepare surfaces and apply finishes. Ascends stairs and ladders. Frequently lifts, carries, or otherwise moves heavy objects weighing over 50 pounds such as five gallon paint buckets and reflective glass beads. Moves 500 pound, self-propelled push striper and moves 700 pound drums of pavement paint by rolling or using a forklift. Makes distinctions in colors to blend old and new coatings on vehicles and in ensuring coverage of area being painted. Reads dials and gauges. Determines the smoothness of surfaces. Operates vehicle using judgment based on traffic, weather, and other factors. Conveys work information by telephone and two-way radio.

**WORKING CONDITIONS** Works inside and outside in hot and cold weather. Is exposed to grease, shavings, paint splatter, and other substances that soil work clothes and self. Is exposed to moving vehicles or aircraft when working near traffic or on airfield, potential danger of falls from ladders and scaffolds, possible injury from cutting tools, from unclogging spray tips when there is residual pressure on hoses, from heated materials, from glare of torches, and other hazards common to the painting trade. Is exposed to toxic fumes from solvents and paints, dust from sanding, and noise from jet aircraft. Exercises care, follows general and/or special safety precautions, and wears spray hood, respirator, ear protection, eye protection, hard hat, boots or safety shoes, gloves, and other personal protective equipment as required.

**OTHER SIGNIFICANT JOB ASPECTS** Is subject to changes in hours of duty for street and airfield painting. Is subject to hold-over or recall on a 24-hour basis for essential services and emergencies such as snow removal.