

The Maryland-National Capital Park and Planning Commission

TITLE: Welder I GRADE: T03 DATE: 5/30/2019
SERIES: Building Trades CODE: 2463 EEO: Skilled Craft FLSA: Non-Exempt

6. Attends training to increase knowledge, awareness and safety.
7. Complies with Commission's practices regarding recycling and disposal.

Important Worker Characteristics:

- A. Knowledge of: (1) standard welding practices and methods; (2) Maryland Occupational Safety and Health (MOSH) and Occupational Safety and Health Administration (OSHA), fire, and building codes; (3) composition and properties of various metals; (4) Commission policies and procedures*; and (5) hazardous materials.
- B. Skill in operation of: (1) Tig, Mig, gas welding and arc welding equipment; (2) various welding hand and power tools; (3) shop metal-working equipment; (4) motor vehicles; and (5) light construction equipment (e.g., forklift).
- C. Ability to: (1) calculate fractions, decimals, percentages and basic algebra and geometry; (2) complete work orders and other work-related paperwork*; and (3) obtain cardiopulmonary resuscitation (CPR) and first aid certifications.

**Typically acquired or fully developed primarily after employment in this job class.*

- D. Skill in problem solving to select, organize and logically process relevant information (verbal, numerical or abstract) to solve a problem. Examples include understanding and applying principles to solve practical problems.
- E. Skill in communication to understand verbal and written information (including facts, descriptions and ideas) and to express such information so that others will understand. Examples include reading and interpreting building plans, blueprints, schematic drawings, and sketches to perform routine welding work.
- F. Interpersonal skills to interact effectively with business contacts in a businesslike, customer service-oriented manner; this includes skill in establishing and maintaining effective working relationships and working as a member of a team.

Minimum Qualifications:

1. High School diploma or Certificate of General Educational Development (GED).
2. Completion of an approved welding apprentice program or four (4) years of progressively responsible welding experience.
3. An equivalent combination of education and experience may be substituted, which together total 4 years.

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4. Valid driver's license in accordance with both State and Commission rules and regulations. Driver's license must be unencumbered by restrictions, revocations, suspensions, or points that could limit the employee's ability to drive Commission vehicles or perform driving duties required by the position of assignment.
5. Depending on area of assignment, a valid Commercial Driver's License (CDL) with appropriate endorsements may be required.
6. Pass Commission medical examination.

Working Conditions:

Occasionally performs work indoors and outdoors; exposure to varied weather conditions, confined spaces, heights, dirt, sparks, flames, explosive gases, and chemical odors. Must be available to work during emergencies. Positions in this class occasionally remains in a stationary position, move about inside the office and outside, operate vehicles, tools and equipment, ascend and descend ladders and stairs, position self to complete manual work, pull and use fingers to perform welding work, be able to view directions and numbers on equipment, move equipment, tools and objects weighing up to 100 pounds.

Examples of Welder I Work:

- Fabricates gates and rails, heavy equipment repairs and miscellaneous welding.