

Specifications
for the Class:

BRIDGE MAINTENANCE WORKER I

Distinguishing Characteristics

This class reflects fully competent, independent work in the repair and maintenance of highway structures such as bridges and overpasses as part of a bridge maintenance crew. A position in this class participates in the general maintenance, repair, and upkeep of structural steel, composite concrete and steel, reinforced concrete, and timber highway bridges and similar structures; performs work at heights in excess of 70 feet; and may perform work under water.

This class differs from the class Bridge Maintenance Worker II in that the Bridge Maintenance Worker II, in addition to performing the inspection, repair and maintenance of highway structures, supervises the work of a bridge maintenance crew as a continuing assignment, including setting the pace and quality of workmanship.

Examples of Duties *(Positions may not be assigned all of the duties listed, nor do the examples necessarily include all of the duties that may be assigned. The omission of specific statements does not preclude the assignment of such duties if they are a logical assignment for the position. The classification of a position should not be based solely on the examples of duties performed.)*

Makes routine inspections of structural steel, composite concrete and steel, reinforced concrete, and timber highway bridges to locate rust, corrosion, and damage caused by falling rocks, termites, dry rot, water and salt spray; hooks up tackle on overhead track boards; moves scaffolding to the area where work is being done on bridge members; chips, scrapes, wire brushes, or sand blasts structural steel bridge members and prepares surface for repainting; applies primer and/or other anti-corrosive or rust preventive formulas or paints with brush and spray gun; occasionally uses oxyacetylene cutting torch, cuts and removes faulty bridge members, and fits and secures new bridge members by riveting or welding; removes and replaces timber bridge members, decking and railings; may repair damaged concrete and masonry bridge footings, and wing, retaining and rubble walls above and below water level; may paint, repaint, maintain and erect regulatory, warning and directional highway signs and pavement markings; may repair guard rails, catch basins, cement walks, etc.

Minimum Qualification Requirements

Experience and Training: Four (4) years of experience in construction and maintenance work of which two (2) years shall have been of a semi-skilled nature; or any equivalent combination of training and experience.

Knowledge of: Common practices, methods, materials and tools used in construction and maintenance work; hazards and safety precautions necessary in working at heights in excess of 70 feet; hazards and safety precautions necessary for those positions that perform work under water.

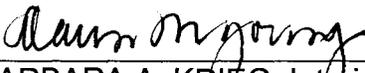
Ability to: Use common tools and techniques of the trades such as painting, rigging, steel work and carpentry; give and receive oral and written instructions; work safely at heights; perform lifting, carrying and moving of heavy objects typical of the work of the class; and, for positions that perform work underwater, dive and swim.

Physical and Medical Requirements

Applicants must be able to perform the essential functions of the position effectively and safely, with or without reasonable accommodation.

This is an amendment to the specifications for the class BRIDGE MAINTENANCE WORKER I, which were approved on March 21, 2007.

DATE APPROVED: 3/23/2012



BARBARA A. KRIEG, Interim Director
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