

WELDER AND ASSISTANT AUTOMOTIVE MECHANIC

DISTINGUISHING FEATURES OF THE CLASS: This is skilled work at a journeyman level which includes performing a variety of welding duties in a public works setting. The work also includes making automotive repairs and operating snow plowing equipment. The work is performed under the general supervision of a Maintenance Supervisor and work guidance (e.g. lead work) may be provided to others. Does related work as required.

TYPICAL WORK ACTIVITIES:

Performs shielded metal arc and gas metal arc welding on highway, bridge and building structures, truck frames, castings, crane booms, engine blocks and broken parts of machinery;
Works with a variety of materials and alloys such as steel, iron, brass and aluminum;
Repairs damaged, cracked and deteriorated structural steel members, including high strength and corten steels;
Fabricates and erects splice plates, stiffeners, cover plates and other miscellaneous steel items;
Assists in the fabrication and erection of steel or timber shoring, cribbing and jacking frames;
Welds, straightens and realigns damaged or worn snow plow equipment and performs jig welding in rebuilding snow plow shoes;
Fabricates new parts, weldments, etc., working from sketches or engineering drawings;
Works in automotive repair shop as required, performing routine maintenance and automotive repairs;
May perform brazing, cutting and blacksmith work;
May drive snow plow equipment and tractor trailer to move equipment to shop or job sites, or in emergency situations.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Good knowledge of welding, brazing and soldering methods, materials, tools and equipment; good knowledge of the characteristics and melting points of commonly used metals and alloys; good knowledge of current New York State Steel Construction Manual (latest edition), applicable safety codes and practices relating to the storage, handling and use of the gases used in welding; ability to use the tools, materials and equipment of the welding trade and to plan and lay out work*; ability to understand and carry out written and oral instructions; ability to read, interpret and work from plans, drawings and specifications; ability to perform minor repairs and routine maintenance of automotive equipment; ability to stand and bend for long periods of time, do moderately heavy lifting when assigned.

MINIMUM QUALIFICATIONS: Five (5) years of experience as a Welder (time spent as a Laborer or Trade Helper is not qualifying) and, in addition, two (2) years in Automotive Mechanics as an apprentice or Maintenance Helper to an Automotive Mechanic.

NOTE: High school vocational training or technical school training in Automotive Mechanics may be substituted for the required automotive repair experience on a year-for-year basis.

SPECIAL REQUIREMENT: Possession of a valid driver's license appropriate to the kind and size of vehicle to be operated.

*To be demonstrated during the probationary period.

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Non-competitive