

CONSTRUCTION EQUIPMENT WELDER II

DISTINGUISHING FEATURES OF THE CLASS:

This is a highly skilled trades position involving the operation of a variety of welding equipment in the repair and modification of highway construction and maintenance equipment and facilities, while maintaining accepted trade and safety practices. The incumbent applies practical fabrication concepts in accordance with accepted welding trade practice in the lay out of work, selection of materials, and the completion of repairs and projects. Materials used include aluminum, stainless steel, iron and steel. Field repairs on vehicles, equipment and bridges are required. This position differs from Construction Equipment Welder I in that it involves a higher level of skill and more experience in working with construction equipment. The incumbent is thus expected to be able to function on a more advanced level, especially in the fabrication and modification of existing equipment. General supervision is received from a higher level employee. Supervision of others is not a normal function of the position.

TYPICAL WORK ACTIVITIES:

1. Assists in the designing of projects; determines proper materials to be used and completes project in accordance with accepted welding practices;
2. Operates and maintains a variety of welding equipment including arc, plasma arc, TIG, MIG and oxyacetylene;
3. Disassembles and assembles a variety of equipment and structural members in the performance of welding related duties;
4. Sandblasts and prepares surfaces for cutting, welding, brazing or soldering;
5. Fabricates and repairs a variety of parts, tools and components associated with automobiles, trucks, construction vehicles and equipment, snow removal equipment, and storage facilities where welding or related skills are required;
6. Operates and maintains a vehicle used in making field welding repairs on equipment and bridges;
7. Works with outside machine shops to have materials rolled or bent to specifications;
8. Maintains work area in a clean, ordered and safe condition;
9. May, on occasion, assist in snow and ice control and removal;
10. May be assigned to perform related repair work in other governmental agencies within the County;
11. Does related work as required.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Thorough knowledge of the tools, techniques and terminology associated with the welding trade; good knowledge of the accepted safety practices and OSHA standards for the trade; good knowledge of general construction vehicles and equipment and structural members; ability to operate all types of welding equipment; ability to read blue prints and sketches; ability to follow oral and written instructions; ability to work well with others in completing projects; ability to work with heavy materials; resourcefulness in working out welding problems; initiative in completing assigned work; dependability; physical condition commensurate with the demands of the position.

CONSTRUCTION EQUIPMENT WELDER II (Cont'd)

MINIMUM QUALIFICATIONS:

Four (4) years of full-time work experience as a skilled welder, of which at least two (2) years involved the repair, modification and fabrication of construction equipment.

NOTE: Graduation from a trade school program in welding or other training in the field of welding may be substituted for up to one (1) year of the above work experience as a skilled welder.

SPECIAL REQUIREMENT:

Candidates must possess a valid New York State Driver's license at time of appointment and to maintain position.

TR3403

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07/10/92