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Minimum Qualification Specifications
for the Class:

CRASH/FIRE EQUIPMENT MECHANIC

Experience Requirements

General Experience: One (1) year of journeyman level automotive repair work experience which demonstrated knowledge of the theories and principles of both diesel and gasoline internal combustion engines; troubleshooting, repair and maintenance procedures for gas and diesel engines, brake systems, transmissions, and drive shafts; the use of hydraulic oil presses, gauges, gear or bearing pullers, testing equipment and tools used in the automotive repair trade; principles of electricity as applied to the electrical systems of automotive vehicles; occupational hazards and precautionary measures applicable to the automotive repair trade; and ability to perform the complete overhaul of gasoline engines and smaller diesel engines; locate and correct mechanical defects in gasoline and diesel driven automotive equipment; perform arc welding and simple body and fender repairs; and interpret and work from drawings as well as from oral and written instructions.

Specialized Experience: One (1) year of independent specialized work experience in the maintenance and repair of crash/fire vehicles and auxiliary equipment. Work experience must demonstrate possession of knowledge of troubleshooting, repair and maintenance procedures for high pressure positive displacement and centrifugal pumps; and the ability to read and comprehend crash/fire vehicle and equipment manufacturers' manuals for troubleshooting, repair, and operating procedures; repair synchronized dual engines; use volt-ohm meters, oscilloscopes and tools for electrical repair; maintain and repair equipment such as high pressure rotary and centrifugal pumps, turret controls, nozzles, and air compressors; express ideas verbally and clearly; and keep simple records.

Quality of Experience

Possession of the required number of years of experience will not in itself be accepted as proof of qualification for a position. The applicant's overall experience must have been of such scope and level of responsibility as to conclusively demonstrate that he/she has the ability to perform the duties of the position for which he/she is being considered.

License Required

Applicants must possess a valid Type B Commercial Driver's License with Endorsement N.

Selective Certification

Specialized knowledge, skills and abilities may be required to perform the duties of some positions. For such positions, Selective Certification Requirements may be established and certification may be restricted to eligibles who possess the pertinent experience and/or training required to perform the duties of the position.

Agencies requesting selective certification must show the connection between the specific training and/or experience on which they wish to base selective certification and the duties of the position to be filled.

Tests

Applicants may be required to qualify on an appropriate examination.

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 minimum qualification specifications for the class CRASH/FIRE EQUIPMENT MECHANIC, which were approved on October 23, 1993.

Date Approved: 6/8/17

Bullock Lin
for JAMES K. NISHIMOTO, Director
Department of Human Resources Development