

FIREFIGHTER / MECHANIC

DISTINGUISHING FEATURES OF THE CLASS:

This is skilled work involving responsibility for automotive and other mechanical repair tasks to fire fighting equipment and apparatus. Work is broadly outlined by a superior permitting wide leeway for planning and supervising jobs. Supervision may be exercised over the work of helpers. An employee in this position will perform fire-fighting duties and function as a firefighter when not performing mechanical work.

TYPICAL WORK ACTIVITIES:

1. Locates trouble in motors and prescribes the needed repairs;
2. Leads in the repair of diesel and gasoline motor equipment, such as passenger automobiles, fire trucks and apparatus;
3. Supervises the operation of machine shop equipment such as lathes, shapers, planers, grinders, drill presses, radial drills, boring bars, key seater and other metal working machines;
4. Grinds valves and fits new bearings, pistons and rings;
5. Fits connecting rods and bearings;
6. Repairs or overhauls brake systems, differentials, transmissions, and front and rear axles;
7. Repairs and replaces water pumping equipment and other mechanical fire fighting equipment;
8. Instructs in the operation of complex motor equipment;
9. Makes estimates and prepares requisitions for materials;
10. Responds to fire alarms to operate pumper and/or to repair a pump engine or other equipment which may break down at the scene;
11. Responds to fire alarms and emergency calls with Fire Company and performs a variety of dangerous firefighting assignments;
12. Drives and operates motor-driven fire fighting equipment; connects hose lines and nozzles; operates volume and pressure pumps;
13. Raises and climbs ladders and enters burning buildings;
14. Makes necessary opening in burning buildings for ventilation, entrance and egress;
15. Removes persons from burning buildings;
16. Performs salvage operations at scene of fires, such as covering furniture with tarpaulins and cleaning debris;
17. Learns and practices new methods;
18. Performs miscellaneous clerical work when assigned;
19. Assists in giving emergency first aid treatment to injured persons;
20. Cleans and maintains fire fighting equipment;
21. Performs a variety of tasks in connection with the maintenance and repair of buildings and grounds;
22. Performs fire inspections for fire prevention;
23. Does related work as required.

FIREFIGHTER / MECHANIC (Cont'd)

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Comprehensive knowledge of the common practices, tools, terminology and accident precautions of the automotive mechanic trade; good knowledge of modern firefighting and fire prevention methods; good knowledge of NFPA 1911 standard for the inspection, maintenance, testing and retirement of in-service automotive fire apparatus; good knowledge of the maintenance and repair of fire fighting equipment, such as ladders, pumps, etc.; a special ability to work from plans and specifications and to follow rough sketches and oral instructions; ability to get along well with others; initiative; dependability; conscientiousness; good motor, hand and eye coordination; manual dexterity; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS:

Permanent competitive class status as a Firefighter and one year of skilled mechanical work experience which primarily involved the repair of automobiles and/or truck equipment.

SPECIAL REQUIREMENT:

An appointing authority may require candidates to:

1. Become licensed at the appropriate level as a New York State Motor Vehicle Inspector.
2. Have an Emergency Vehicle Technician Certification Level 1 or higher.

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ADOPTED: 10/17/86

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