FIRE ENGINEER

MAJOR FUNCTION

This is specialized work in driving and operating heavy duty and/or special motorized vehicles assigned to fire-combat operation. An employee in this class is responsible for safely driving emergency firefighting apparatus and for the efficient operation of pumps at the scenes of emergencies. Work is performed in accordance with operating procedures and well-defined routine and supervision is received from a company officer.

ESSENTIAL AND OTHER IMPORTANT DUTIES

Essential Duties

Employees in this class are responsible for safely driving emergency fire apparatus and for the safe. efficient operation of pumps, elevated ladders or booms, and all other equipment assigned or relative to the apparatus. Lays hose lines and makes pumper hook-ups as necessary. Maintains proper pressures on hose lines and continuously checks condition of motors and the operating unit during operations, makes necessary adjustments or changes. Checks engine and inspects all equipment, ignition, batteries, brakes, warning devices, and other equipment daily to see that the apparatus is in good working condition and notifies his immediate superior of any item in need of maintenance work. inoperative, or missing parts from the vehicle inventory. Operates pumps to maintain adequate water volume and pressure. Assures that all equipment, tools and other items assigned to the apparatus used during emergencies or other work is returned to its proper place. Cleans apparatus, all tools and equipment after use and assures everything is in proper working condition. Performs all firefighting duties and all basic emergency medical treatment as required. Keeps fully informed of assigned first run territory, hydrants, mains, buildings, sprinkler and standpipe connections, and any other pertinent information necessary to respond to alarms safely, quickly, and to perform effectively upon arrival at the fire scene. Assists in service inspections in assigned area of response as a member of the unit. Participates in schools, drills and other activities to maintain proficiency and increase skills and knowledge. Performs related work as required.

Other Important Duties

Attends training opportunities to enhance specific and general job knowledge and skills. Performs related work as required. Performs community outreach activities.

DESIRABLE QUALIFICATIONS

Knowledge, Abilities and Skills

Considerable knowledge of modern firefighting principles, practices, and procedures, including hydraulics and mechanics. Knowledge of and skills in the operation and maintenance of various types of apparatus and equipment used in firefighting activities. Knowledge of basic emergency medical treatment. Knowledge of city geography, including location of fire hydrants. Knowledge of department rules and regulations. Ability to react quickly and calmly in emergency conditions. Ability to operate heavy fire apparatus safely and efficiently. Ability to make mental calculations of engine pressures required for necessary hook-ups and to perform prolonged and arduous work under adverse conditions. Ability to maintain good physical fitness.

Minimum Training and Experience

Possession of a high school diploma or an equivalent recognized certificate and four years of full-time firefighting experience in the Tallahassee Fire Department.

FIRE ENGINEER

Necessary Special Requirements

Must be a certified firefighter in the State of Florida at the time of application.

Must possess a Florida emergency medical technician (EMT) certificate at the time of application and maintain same as a condition of continued employment in the job class. A valid State of Florida Paramedic certification may substitute.

Must possess a valid Class E State driver's license or equivalent, as determined by the City, at the time of application.

Completion of an emergency vehicle operator's course.

Must possess a State of Florida Pump Operator certificate.

Effective January 1, 2024, must have completed the Aerial Operations class.

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