

FIRE ENGINEER

Position Code: 2130

WC Code: 7710

FLSA Status: Non-Exempt

Pay Grade: 355

Location: Fire

Approval Date: 2023

General Statement of Duties

Performs fire suppression activities including operating fire apparatus and participating in firefighting.

Distinguishing Features of the Class

An employee in this class participates in the 24-hours operations of fire suppression personnel and operations at the fire station and is subject to call-back response. The employee participates in the operation of fire apparatus, firefighting, and equipment and facilities maintenance. The employee also participates in fire suppression training. Work requires that the employee stay abreast of state-of-the-art fire suppression and rescue procedures, techniques, and equipment and required the employee to incorporate the necessary changes into in-service training. Ability to make effective decisions under pressure is required in all aspects of work, particularly in operating apparatus during fire response. The employee is subject to the hazards associated with firefighting and rescue work including work in inside and outside environments in extreme hot and cold temperatures, loud noise, vibration, moving parts, high heat, chemicals, fumes, odors, dusts, gases, poor ventilation, oils, wearing respirators, and working in close quarters. The employee is also subject to the final OSHA standards on blood borne pathogens. Work is performed under regular supervision and is evaluated through observation, conferences, and written reports concerning the quality and effectiveness of work completed.

Duties and Responsibilities

Responds to major alarms and participates in firefighting operations including operation of fire apparatus and other equipment as required; responds and participates in remediation activities of chemical spills, hazardous materials, and other related incidents.

Drives apparatus to incident scene; properly places apparatus to establish water supply; insures proper operation and pressure of hoses; issues equipment and monitors radio traffic for necessary response; return fire apparatus and related equipment to service after incident response.

Inspects station, equipment for proper appearance and condition; performs maintenance and cleaning of fire apparatus, equipment, station building, and related facilities.

Completes reports and enters into the Fire Report Program database.

Installs and checks smoke detectors.

Gives tours of fire station and fire truck to school and community groups.

Based on operational need, may have hazardous materials or rescue duties.

Assists with the preparation of fire reports; participates in special projects as required; serves in the absence of the Fire Captain.

Performs other duties as required.

Recruitment and Selection Guidelines

Knowledge, Skills and Abilities

Considerable knowledge of modern methods of attacking fire emergencies and of the use and maintenance of firefighting apparatus and equipment.

Considerable knowledge of departmental rules and regulations.

Thorough knowledge of Town streets and layout.

Ability to operate all department fire apparatus.

Ability to instruct firefighters effectively.

Ability to maintain effective working relationships with employees and members of the public.

Ability to make sound judgments in emergency situations.

Ability to maintain physical fitness standards as required to perform assigned work.

Physical Requirements

Must be able to physically perform the basic life operational functions of climbing, balancing, stooping, kneeling, crouching, crawling, reaching, standing, walking, pushing, pulling, lifting, fingering, grasping, feeling, talking, hearing, and perform repetitive motions.

Must be able to perform heavy work exerting up to 100 pounds of force occasionally, and/or up to 50 pounds of force frequently, and/or up to 20 pounds of force constantly to move objects.

Must possess the visual acuity to operate trucks and other equipment, to observe the color, volume, and extent of fire involvement, and to prepare manual and computerized records.

Minimum Education and Experience

High School Diploma or GED and a minimum of twenty-one (21) credit hours at a community college in a Fire Protection Technology program, supplemented by completion of courses and seminars in fire service; and two years of experience in a fire service including operation of fire apparatus at fire incidents; or equivalent combination of experience and education.

Special Requirements

Possession of a valid class B North Carolina driver's license.

Possession of a North Carolina Firefighter II certification.

Possession of North Carolina Emergency Medical Technician or higher.

Possession of NIMS 100,200,700,800 certifications.

Possession of Emergency Vehicle Driver certification.

Possession of North Carolina Driver/Operator certification.

Possession of a North Carolina Aerial certification.

Ability to obtain an additional twenty (20) hours of approved supervisory training.

Ability to obtain NIMS 300 certification within one year of appointment.