

## FIRE ENGINEER

### General Statement of Duties

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

### Distinguishing Features of the Class

An employee in this class participates in the operations of fire suppression and incident response personnel and operations at the fire station. The employee participates in incident response, 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 requires 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 incidence response work including working 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. This position has been deemed Safety Sensitive.

### Duties and Responsibilities

#### Essential Duties and Tasks

Responds to alarms and participates in incidence response including firefighting operations, 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 or other needs; insures proper operation and pressure of hoses; issues equipment and monitors radio traffic for necessary response; returns fire apparatus and related equipment to service after incident response; participates in other post incident operations of cleaning and salvage.

Performs routine maintenance and servicing of equipment including washing and waxing trucks, checking fluid levels and proper operations of all apparatus and equipment on the apparatus.

Inspects station, and equipment for proper appearance and condition.

Performs maintenance and cleaning of fire apparatus, equipment, station building, grounds, and related facilities; inspects various equipment for readiness including SCBAs, trucks, etc.

Participates in construction and maintenance of the training facility.

Participates in fire pre-planning and updates of pre-plans.

Participates in hose, pump and hydrant testing.

Assists with the preparation fire reports; participates in special projects and fire prevention activities as required.

Prepares and enters fire incident report, training records, pre-plans and maintenance activities into computerized data base.

Participates in fire prevention and public education programming.

#### Additional Job Duties

Performs related 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 incident response including response to hazardous materials spills and fire incident calls.

Considerable knowledge of departmental rules and regulations.

Thorough knowledge of Town streets and layout.

Ability to operate computer equipment to prepare incident reports and maintain other records.

Ability to operate and maintain all department equipment and apparatus.

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

Ability to work with a diverse socio-economic population abased on the unique situations encountered.

Ability to make sound judgments in emergency situations.

#### Physical Requirements

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

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 visual acuity to size up the color, volume, and extent of fire involvement at fire scenes, to operate heavy fire apparatus in emergency situations, and to prepare records and reports.

#### Desirable Education and Experience

Graduation from high school supplemented by completion of courses and seminars in fire service; and experience in a fire service; or an equivalent combination of experience and education.

#### Special Requirements

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

Ability to obtain NFPA Firefighter I/II certification within twelve months of employment.

Ability to Haz-Mat operation certification within six months.