FIRE ENGINEER

Department:	Fire Department	**Salary Classification:**	Hourly
Supervisor:	Fire Chief	**FLSA Status:**	Non-Exempt
Revision Date:	3/6/2023	**NCLM Position Code:**	30100

General Statement of Duties:
Performs public safety, firefighting/emergency medical response, fire prevention, and apparatus operation in the fire station on an assigned shift.

Duties and Responsibilities

1. Those of a Granite Quarry Firefighter, including response to emergency and non-emergency alarms for the protection of life, property, and environment and ensures operational readiness of assigned apparatus and equipment at all times.
2. Assists in the selection of the travel route to calls for service; drives and operates all types of fire apparatus and emergency/non-emergency fire department vehicles as assigned.
3. Positions assigned apparatus at emergency incidents to achieve maximum operational effectiveness.
4. Calculates appropriate and effective pump and nozzle pressures for operation of hose streams, notifies the Company Officer or Officer in Charge of significant changes in water supply during an emergency incident; calculates hydraulic solutions as required; assists in all phases of emergency operations as directed.
5. Inspects vehicles and associated equipment, performs maintenance and minor repairs on fire apparatus and associated equipment; identifies and assists with repair and maintenance of fire vehicles and equipment; maintains records of maintenance and equipment; assists fire department with maintenance, repairs, lubrication and other mechanical activities as directed. Enters vehicle/equipment inspection and maintenance data into electronic database system(s) as required.
6. Performs annual fire hydrant testing and maintenance activities, fire hydrant flow tests, and drafting operations; ensures return of equipment to its appropriate or assigned location after use or repair.
7. Assists in the maintenance of fire station facilities; conducts life and fire safety inspections of buildings and occupancies within the Town as directed.
8. Participates and assists in training activities and academies as directed; conducts and participates in fire department demonstrations as directed; prepares and maintains records and reports as required.
9. Communicates, supports, carries out and maintains all Town and Fire Department policies, procedures, and standards, and informs others of any authorized changes.
10. Establishes and maintains cooperative work relationships with other employees, mutual aid departments and the public.
11. Contributes to a safe working environment and informs supervisor of actual or potential unsafe conditions or actions.
12. Attends special schools, conferences and/or seminars as required or assigned.
13. Acts as Firefighter or Fire Captain when assigned by superior officer.

14. Maintains required proficiency and competency in all mandated training; maintains awareness of current developments and trends of modern fire apparatus and equipment.

Additional Job Duties:
Performs related duties as required.

Recruitment and Selection Guidelines

Knowledge, Skills and Abilities:

- Considerable knowledge of modern methods of fire suppression, incidence response, and of the use and maintenance of related apparatus and equipment.
- Considerable knowledge consistent with required emergency medical certification level.
- Considerable knowledge of Departmental rules and regulations.
- Considerable knowledge of the physical layout of the Town and related facilities.
- Considerable knowledge of required technical rescue methods.
- Considerable knowledge of the Town roads and water system geography.
- Ability to provide coaching, technical advice, and training of employees.
- Ability to establish and maintain effective working relationships with supervisors, employees, and members of the public.
- Ability to prepare and maintain a variety of records and reports.
- Ability to operate all required equipment and apparatus.

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 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 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 advanced courses and seminars in fire service and considerable experience of an increasingly responsible nature in the fire service, or an equivalent combination of experience and education.

Special Requirements:

- Possession of a valid class B North Carolina driver's license.
- Possession of necessary NC Firefighter 1&2, NC Driver/Operator, NC EMT Basic and EVD