

TOWN OF SPENCER 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 fire suppression and incident response personnel and operations at the fire station. The employee participates in incident response, including emergency medical service, operation of fire apparatus, firefighting, technical rescue, hazardous materials response/mitigation, and equipment and facilities maintenance. The employee also participates in incident response and fire suppression training. Work requires the employee to stay abreast of state-of-the-art fire suppression and rescue procedures, techniques, and equipment and to incorporate the necessary changes into in-service training. The ability to make effective decisions under pressure is required in all aspects of work, particularly in operating apparatus during the 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, dust, 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.

ILLUSTRATIVE EXAMPLES OF WORK:

- 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; responds to emergency medical incidents and provides EMT services; responds and provides technical rescue services.
- Drives apparatus to the incident scene; appropriately places apparatus to establish water supply or other needs; ensures 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.
- Inspects station and equipment for proper appearance and condition.
- Performs maintenance and cleaning of fire apparatus, equipment, station building, hydrants, hose lines, related facilities, equipment, and supplies.
- Assists with preparing fire reports; participates in special projects as required. Participates in in-service training programs.

- Participates in fire prevention and public education programming, inspections, and pre-incident surveys.
- Participates in mechanical maintenance and repair of apparatus and other equipment.
- May perform special assignments or projects requiring the leadership or coordination of others, such as SCBA maintenance and repair, radio equipment maintenance and repair, building maintenance, hydrant maintenance, hose line testing and maintenance, etc.

KNOWLEDGE, SKILLS AND ABILITIES:

- Knowledge of modern methods of attacking fire emergencies and using and maintaining firefighting apparatus and equipment.
- Extensive knowledge of using and operating the Town's emergency equipment and apparatus.
- Extensive knowledge of incident response, including response to hazardous materials spills, technical rescue, and emergency medical service calls.
- Extensive knowledge of departmental rules and regulations. Skill in the operation of assigned apparatus.
- Knowledge of incident response, including response to hazardous materials spills, general rescue techniques, and emergency medical service calls.
- Some knowledge of Town streets and layout.
- Knowledge of firefighting hazards and related safety precautions.
- Knowledge of fire codes and the contents of general orders, bulletins, and training materials.
- Knowledge of emergency medical treatment techniques.
- Knowledge of town geography and street locations.
- Knowledge of sprinkled buildings and hydrant locations.
- Knowledge of effective interpersonal communication techniques to communicate with other staff, officials, and the general public.
- Skill in collaborative conflict resolution and teamwork.
- Skill in the use of firefighting tools and equipment such as a pry bar, axe, hoses, nozzles, air packs, fans, shovels, rakes, sledgehammers, jaws-of-life, defibrillator, and other equipment.
- Ability to conduct fire prevention and fire safety training for all age groups, including school-age children through senior citizens.
- Ability to perform difficult physical procedures for prolonged periods wearing protective clothing and in adverse weather conditions; ability to climb ladders and work at considerable heights; ability to carry or drag or assist in carrying or dragging persons and equipment up and down ladders and stairs or across flat surfaces; ability to chop holes or pry openings in doors, walls, ceilings, roofs, and other surfaces to effect ventilation; ability to screw in hoses connections and gate valves to fire hydrants; ability to apply hose clamps onto charged and uncharged hose lines; ability to hold charged hose lines and direct them at fire sources; ability to locate and to estimate distances between objects and persons inside or near burning structures.
- Ability to demonstrate self-confidence and self-reliance and to take action when required by the situation; ability to confront potentially dangerous situations, remain calm, apply common sense, make logical decisions, and work effectively in stressful situations.

- Ability to learn and apply the training needed to extinguish fires, rescue trapped persons, dispose of hazardous materials, and operate firefighting equipment.
- Ability to establish effective working relationships with members of the squad, company, station house, and the general public; ability to co-exist and work cooperatively with a group of individuals for forty-eight hours without regard for such characteristics as gender, race, or cultural background.
- Ability to exercise sound judgment, react effectively in emergencies, and maintain good physical condition.
- Ability to understand written and oral instructions

PHYSICAL REQUIREMENTS AND WORKING CONDITIONS:

Conditional offers of employment are subject to the successful completion of a pre-employment physical to ensure the ability to meet physical requirements. This work requires regular exertion of up to 25 pounds of force and occasional exertion of up to 100 pounds of force; work regularly requires standing, walking, speaking or hearing, using hands to finger, handle or feel, climbing or balancing, stooping, kneeling, crouching or crawling, reaching with hands and arms, pushing or pulling, lifting, and repetitive motions; frequently requires sitting, smelling; work has standard vision requirements; vocal communication is required for expressing or exchanging ideas by means of the spoken word; hearing is required to perceive information at normal spoken word levels; work requires preparing and analyzing written or computer data, visual inspection involving small defects and/or small parts, using of measuring devices, assembly or fabrication of parts within arm's length, operating machines, operating motor vehicles or equipment and observing general surroundings and activities; work regularly requires exposure to outdoor weather conditions, exposure to bloodborne pathogens, and exposure to fumes or airborne particles; work occasionally requires exposure to wet, humid conditions (nonweather), working in high, precarious places, exposure to toxic or caustic chemicals, exposure to extreme heat (non-weather), exposure to the risk of electrical shock, working with explosives, exposure to vibration, and may be required to wear specialized personal protective equipment; work is generally in a loud noise location (e.g. grounds maintenance, heavy traffic).

EDUCATION AND EXPERIENCE:

Requires graduation from high school or GED equivalency; 3-5 years of related work experience and completion of an associate's degree in fire science, fire protection technology, or a related field are preferred.

SPECIAL REQUIREMENTS:

- Possess a valid NC Class B driver's license with an acceptable driving record.
- Possession of NC Firefighter certification.
- Hazardous Materials Level 1
- Possession of NC EMT-B certification
- Possession of NC Driver/Operator/Pumps certification.
- Possession of Emergency Vehicle Driver certification
- Possession of NC Technical Rescuer certification.

- Successfully pass a rigid medical physical examination and drug screening.
- Far visual acuity shall be at least 20/30 binocular with contact lenses or glasses. Far visual acuity uncorrected shall be at least 20/100 binocular for wearers of hard contact lenses or glasses. Successful long-term soft lens wearers shall not be subject to uncorrected criterion.

Disclaimer

This classification specification has been designed to indicate the general nature and level of work performed by employees within this classification. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities, and qualifications required of employees to perform the job. The Town reserves the right to modify the duties assigned to this classification.