



City of Irving Job Description

Fire Equipment Operator

FLSA Status:	Non-Exempt	Job Department:	Fire
Job Code:	19262	Reports To (Job Title):	Fire Lieutenant or Fire Captain

PURPOSE

To provide emergency response including fire suppression, rescue, and paramedic-level emergency medical services (EMS).

ESSENTIAL DUTIES AND RESPONSIBILITIES

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily.*

- Command all emergency incidents at which employee arrives first, including evaluating risks, developing strategy for response, and turning over command to higher-ranking officer when appropriate.
- Respond to calls for medical service and administers treatment according to level of emergency medical certification.
- Execute comprehensive hose-management duties, including selecting hose nozzle for directing stream of water or chemicals onto fire; testing, repairing, and reloading fire hoses on each piece of equipment; participating in pumper hook-up; and laying or advancing appropriate hose at scene of fire.
- Position and climb ladders to gain access to upper levels of buildings and/or to perform rescues.
- Create openings in buildings for ventilation or entrance, which includes participating in forcible entry into auto, home, and commercial properties.
- Provide prompt, courteous, professional services to station visitors, Irving citizens, and other City of Irving employees, including providing resources for victims of a disaster or loss, information about City laws and ordinances, and driving directions.
- Determine the best route to deliver personnel quickly and safely to the scene of an emergency.
- Prepare and participate in trainings, drills, inspections, and evaluations to ensure the full readiness of personnel and equipment under his/her command.
- Assist in the preparation, data collection, and computer entry of Pre-Fire Quick Action Plans.
- Assist in maintaining departmental records, including equipment and station inventory, station log book, station supplies, and fuel delivery and usage logs.
- Conduct hazardous materials first responder operations, including product identification, basic containment, diking, diverting, and control of releases and spills.
- Maintain apparatus, quarters, buildings, equipment, grounds, and hydrants, including performing preventive maintenance on and daily inspections of emergency tools and equipment.
- Act as dispatcher, including assisting in the maintenance of communications systems and preparing and maintaining current knowledge of street names, hydrant locations, and related response-district information.
- Respond to swift water, above and below grade, high-angle, aircraft, elevator, high rise, and terrorist incidents.
- Operate various heavy and light tools to accomplish duties, including hand, electric, hydraulic, mechanical, and/or pneumatic tools.

- Perform salvage and overhaul operations including, but not limited to, water and smoke evacuation, removal of debris, protection of undamaged property, and detection and extinguishing of fires hidden in walls, basements, or ceilings.
- Perform all duties of a firefighter.
- Perform related duties as assigned.

OTHER DUTIES AND RESPONSIBILITIES

- Assist in the investigation of fire scenes to determine causes, including preparing inspection reports and assisting in the preparation of investigative reports.
- Serve on committees including policy/procedures review and evaluation, apparatus/equipment design and purchase, and special rescue/incident mitigation equipment design and purchase.
- Serve as paramedic with patient care responsibility.
- Act as Lieutenant when required.

SUPERVISORY RESPONSIBILITIES

Functional and Technical Supervision - Regular responsibility for giving direction and guidance to employees as a lead worker, project manager or internal advisor. As an ongoing part of the position, the employee can expect to supervise one or a small group of employees.

FINANCIAL / BUDGETARY RESPONSIBILITY

N/A

QUALIFICATIONS:

The requirements listed below are representative of the knowledge, skill, and/or ability required.*

EDUCATION

- Equivalent to the completion of 12th grade, plus thirty college hours with a GPA of 2.0 or higher on a 4.0 scale.

EXPERIENCE

- Two (2) years of experience as a Firefighter for the Irving Fire Department.

CERTIFICATES, LICENSES, REGISTRATIONS

- Appropriate valid Texas driver's license.
- Appropriate valid Firefighter certificate.
- Paramedic certification.
- American Red Cross Emergency Response certificate.
- Hazardous Materials-First Responder/Operations Level certificate.

KNOWLEDGE OF

- Fire Sciences and Equipment: Fire suppression procedures and techniques, including incident stabilization and mitigation, safe operation of hand and mechanical tools and of large vehicles, IFD procedures, hose and ladder operation, salvage and overhaul, fire stream development, and fire ventilation, rescue, and inspections.
- Maintenance Principles: Processes involved in upkeep of property and equipment to optimum state of safety, cleanliness, repair, and efficiency.
- First Aid: Principles, processes, and techniques of diagnosing and rendering aid.
- English Language: The structure and content of the English language, including the meaning of words and grammar.
- Psychology: Basic human behavior and performance, including individual differences in ability, personality, learning, and motivation.

SKILLS AND ABILITIES IN

- Mechanical/Technical: Safely operating diverse light and heavy equipment, including large vehicles, hand and power tools, medical instruments, ladders, hoses, radios, and computers.
- Basic Math: Adding, subtracting, multiplying, or dividing quickly.
- Active Listening: Listening to what others are saying and asking questions as appropriate.
- Critical Thinking: Using logic and analysis to identify the strengths and weaknesses of different approaches.
- Service Orientation: Actively looking for ways to help people.
- Social Perceptiveness: Being aware of the reactions of others and understanding why they react the way they do.
- Oral Comprehension under Duress: Listening to and understanding information and ideas presented through spoken words and sentences in stressful situations.
- Oral Expression: Communicating information and ideas in speaking so others will understand in stressful situations.
- Inductive Reasoning: Combining separate pieces of information or specific answers to problems to form general rules or conclusions. This includes coming up with a logical explanation for why a series of seemingly unrelated events occur together.
- Deductive Reasoning: Applying general rules to specific problems to come up with logical answers. This involves deciding if an answer makes sense or provides a logical explanation for why a series of seemingly unrelated events occur together.
- Written Expression: Communicating information and ideas in writing so others will understand, including completing reports according to pre-set formats.
- Probing/Inquiry: Using oral language, social perceptiveness, and reasoning skills simultaneously to conduct effective diagnostic interviews.
- Problem Sensitivity: Telling when something is wrong or is likely to go wrong.
- Reaction Time: Responding quickly (with the hand, finger, or foot) to one signal (e.g., sound, light, picture) when it appears.
- Response Orientation: Choosing quickly and correctly between two or more movements in response to two or more signals (lights, sounds, pictures, and so on). This includes the speed with which the correct response is started with the hand, foot, or other body parts.
- Speech Recognition: Identifying and understanding the speech of another person.

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.*

The employee constantly is required to see, listen, talk, grasp, handle, and/or feel. Frequently, s/he is required to balance, carry, climb, crawl, kneel, lift more than 100 pounds, pull, push, reach, sit, stand, stoop, and/or walk. S/he occasionally must drive a vehicle, kneel, and/or swim. In rare instances, the s/he must run. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, and depth perception.

WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job.*

The employee frequently is exposed to extreme vibration, body fluids and blood-borne pathogens, confining work space, dirty environment, electrical hazards, extreme weather conditions, air contamination, high and precarious places, improper illumination and darkness, moving mechanical parts, noise, toxic and caustic materials, and/or violence. This job requires the employee to make decisions directly affecting the safety of others.

* Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Note: A class specification is a general listing of duties, responsibilities, knowledge, skills, and abilities required of an incumbent assigned to a particular class of work. There may be one or multiple positions assigned to a single classification; therefore, the class specification lists those work attributes that are common to every incumbent in the class.