Human Resources
505.468.1500
415 Silver, 5th Floor
Albuquerque, New Mexico 87102
HR@bernco.gov
www.bernco.gov

Apparatus Engineer

JOB CODE	JOB FAMILY	PROFILE
JCV305	**Public Safety**	**Apparatus Engineer**
PAY TYPE	**PAY RANGE**	**REVISION DATE**
Hourly	**$18.60 - $26.50**	**July 28, 2026**

The Apparatus Engineer responds to all fire suppression and emergency medical services, operates all fire apparatus and equipment, maintains and make minor repairs to all departmental property, equipment and apparatus.

Job Description

DUTIES AND RESPONSIBILITIES

- Controls and extinguishes fires and protects life and property.
- Responds to calls for medical services and administers emergency medical treatment at the level of earned licensure according to approved protocols and standard of care and assists in patient transport when needed.
- Participates in fire prevention activities, to include inspection of buildings and development of pre-fire plans.
- Prepares and compiles necessary documentation to support duties and responsibilities.
- Maintains apparatus, quarters, buildings, equipment, grounds, and hydrants at assigned station.
- Participates in public education activities, and participates in on-duty training, both as student and instructor, as needed.
- Develops and maintains proficiency in hydraulics/pump operations and aerial operations.
- Drives apparatus to scenes of emergencies.

- Examines equipment and apparatus to ensure proper function and/or adequate supply; makes or recommends necessary minor repairs and/or replacement.
- Maintains apparatus to include cleaning and service of equipment, tools, facilities, grounds and EMS equipment; recommends equipment modification or new equipment purchases.
- Drives and operate all fire department apparatus or emergency vehicles.
- Responds to fires, medical emergencies, traffic accidents, and other emergency situations; recognizes potential dangers of fire spread and takes steps to protect lives, property, and apparatus from exposure to fire or other related dangers.
- Performs fire suppression activities including serving as primary driver/operator of fire apparatus; regulates water pressure from pumper in adherence to all safety regulations.
- Performs emergency medical services (EMS) function at current EMS license level.
- Participates in the training of fire personnel in the safe and proper operation and maintenance of all department apparatus and vehicles.
- Stay current on emergency medical services/firefighting techniques and issues to include hazardous materials.
- Assists, prepares, and participates in the preparation of reports.
- Performs other job-related duties as required or assigned.
- Must comply with all Bernalillo County Policies, Bernalillo County Fire Department Policies & Procedures, Standard Operating Guidelines, Directives, Memos, and the Collective Bargaining Agreement.
- ***The above information is intended to outline the general nature and scope of the duties required for this position. It is not an exhaustive list and may vary depending on specific job assignments and responsibilities.***

MINIMUM QUALIFICATIONS

- Must have either a High School diploma or GED.
- Must be 18 years of age or older.
- Must have a minimum of three (3) years of current continuous service in a Bernalillo County Fire Department bargaining unit position as a firefighter.
- Must have and maintain a valid Emergency Medical Technician (EMT) Basic or higher certification and be duly licensed by the State of New Mexico while employed in this position.
- Must possess and maintain a valid New Mexico driver's license with a Class E endorsement for the duration of employment.
- Must have comprehensive knowledge of operating instructions, manuals and local and state laws, policies and regulations.
- Must have knowledge of fire suppression, incident command systems fire behavior and chemistry.

- Must have the ability to work as a member of a team in stressful situations and respond quickly, calmly and with good judgment under emergency conditions as well as meet the needs of those affected by the fire and/or emergency.
- Must have the ability to ascertain the best means of apparatus placement for fire suppression, EMS, and other emergency responses.
- Must have the ability to operate all fire apparatus.
- Must have the ability to develop productive working relationships with firefighters, emergency medical services personnel, law enforcement officers and the general public.
- Must have ability to communicate effectively in both oral and written English.

Any equivalent combination of related education and/or experience may be considered for the above requirements.

SUPPLEMENTAL INFORMATION

SCREENING AND COMPLIANCE

The offer of this Bernalillo County position requires compliance with the following:

- Successful completion of a post-offer employment medical examination and background investigation.
- Adherence to all County safety guidelines.
- Complete all FEMA training(s) assigned to this position.
- Possession of a valid New Mexico driver’s license by the date of hire and maintenance of a valid license while employed in this position.
- Complete required supervisor training, if applicable.
- Employee must not have been in an accident in a county vehicle for the last 6 months.
- Employee must have no disciplinary action in the 6 months prior to the testing process.
- Employee must complete all prerequisites to participate in the engineer promotion process as per department policies.
- Employee must participate and successfully complete and pass the Engineer promotion process. Selection to fill vacant positions will be based on test scores from the Engineer promotion process and where personnel are placed on the promotional list.
- Employee must comply with New Mexico's OSHA physical screening requirements for firefighters.
- Employee must comply with the Loss Control Policy and safety guidelines of the County.

WORKING CONDITIONS

- Employee is still subject to the working conditions set forth under the Firefighter (V701) job description.

- Employees are required to work shifts as stipulated within the Collective Bargaining agreement and determined based on the needs of the Department as set forth by the Fire Chief.
- Employee performs work indoors and/or outdoors as the situation dictates.
- The employee performs maintenance, training, public education and public relations, and other duties as assigned while waiting to be called out on an emergency.
- Employee may be exposed to temperature extremes depending on weather conditions and fire hazard conditions.
- Employee is exposed to intermittent and/or sustained high noise levels such as sirens, engines and loud voices.
- Employee may be exposed to vibration of the body on an intermittent basis from vehicle rides and off-road travel.
- Employee may be exposed to the following hazards: driving hazards, rescue attempts and difficult terrain, possibility of hazardous material spills and hazards inherent in firefighting.
- Employee may be exposed to exhaust fumes, heat, smoke, water, dust, fire retardant chemicals, and toxic fumes.
- Employee works on uneven, natural ground surfaces, asphalt, cement, stairs, ladders, scaffolding.
- Employee may be exposed to pathogenic bodily fluids and air during rescue attempts and emergency situations.
- Employee may be exposed to high-pressure water, fire retardant, during firefighting efforts.
- Employee generally works with a select team and may at times work without direct supervision.
- Employee may also work in large groups.
- The conditions listed are not all inclusive of the types of environments and exposures the employee may be subject to.
- Employees must be able to adapt and function in any type of conditions possible as it relates to fire department operations.

EQUIPMENT, TOOLS, AND MATERIALS

- Employee handles paperwork, bandages, IV solutions, medications, oxygen, and other medical supplies needed for emergency situations. Employee utilizes protective clothing and devices (bio-medical and fire) as needed, flares, reflective vests, hearing and eye protection.
- Employee will be required to use any necessary equipment to perform firefighting activities, emergency medical responses, and other emergency responses based on their training and the tasks at hand.
- Employee will be required to use materials, equipment and products to maintain stations, grounds, fire apparatus, and any other areas of non-emergency responsibilities.
- Employees will be required to learn and utilize various technology and business machinery and other miscellaneous equipment in order to support the function, duties, and responsibilities of their job.

- Employee understands that the items listed above is not and all-inclusive list of the equipment, tools and materials that they may be subjected to utilize and that the department may instruct, or direct, them to utilize other equipment, tools and materials as they apply to the department, administrative duties, or the fire and rescue functions as needed or applicable.

Additional Description

This job profile is classified as safety-sensitive. Employees with safety-sensitive job profiles are subject to pre-employment, reasonable suspicion, post-accident, return-to-duty, and random drug & alcohol testing in accordance with the organization’s Drug and Alcohol Testing Policy.

Duties that require a Commercial Driver’s License (CDL), firearm(s) use, or are otherwise regulated under the Federal Aviation Administration (FAA), Federal Motor Carrier Safety Administration (FMCSA), or the Omnibus Transportation Employee Testing Act, are subject to all applicable federal drug and alcohol testing requirements. Employees in these federally regulated positions must comply with all DOT testing procedures, including enrollment in a DOT-compliant random testing pool.