



The City Beautiful

City of Coral Gables Job Description

Job Title: Fire Equipment Mechanic
Department: Automotive
Classification: 4008
Pay grade: 20C
FLSA: Non-Exempt

Prepared Date: 2/06
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Summary

Performs skilled preventative maintenance and repairs on automobiles, trucks, boats, construction and heavy equipment as well as emergency vehicles and fire rescue apparatus. Work is assigned, reviewed by inspection, and performed under the direction of a foreman.

Essential Duties and Responsibilities

The following duties are normal for this position. The omission of specific statements of the duties does not exclude them from the classification if the work is similar, related, or a logical assignment for this classification.

Inspects and tests vehicles, makes visual and operational inspections of vehicles to diagnose problems and fixes problems affecting a variety of gasoline, CNG and diesel powered vehicles and heavy equipment such as automobiles, passenger buses, police and fire/rescue specialized equipment, general trucks, public works construction and maintenance equipment, emergency generators, etc.

Participates in the widest variety of automotive maintenance and repairs from minor work to complete rebuilding, including minor welding and cutting. Interprets and acts upon work orders.

Troubleshoots and rebuilds diesel and gasoline motors, grinds valves, replaces and repairs main bearings as well as troubleshoots and repairs transmissions, universal joints, differentials, power take offs, air and hydraulic brakes.

Troubleshoots and rebuilds hydraulic pumps, motors, controls, and cylinders, PTO and transfer case.

Troubleshoots and rebuilds, repairs and installs automotive electrical components such as starters, generators, distributors, voltage regulators, etc.

Provides roadside assistance to operators of City vehicles and tows vehicles to garage as needed.

Consults with supervisor to determine costs or repairs and obtain technical assistance.

Determines and performs scheduled maintenance on fire and rescue vehicles and apparatus as assigned.

Delivers vehicles to outside vendors and retrieve vehicles when work is completed.

Prepares and updates maintenance records and opens and closes on work orders.

Conforms with and abides by all regulations, policies, work procedures and instructions.

Conforms with all safety rules which includes wearing and using all appropriate safety equipment.

Performs other related tasks as required.

Knowledge, Skills, and Abilities

Thorough understanding of the methods, materials and tools of the automotive mechanic and fire apparatus and equipment trade is necessary. Knowledge of the occupational hazards and safety precautions of the trade and proper use of tools and machinery is essential. Knowledge of the principles of operation gasoline and diesel engines, automatic transmissions, electrical systems and brake systems, fluid couplings and the repair and maintenance characteristics of a variety of fire apparatus and equipment and other public works equipment is required. The incumbent must possess the ability to diagnose and correct problems detected in machinery. The ability to understand and act upon oral and written instructions including diagrams is essential. Organizational skills used to maintain basic shop records and prepare reports is required.

Physical Requirements

Must have the use of sensory skills in order to effectively communicate and interact with other employees and the public through the use of telephone and personal contact as normally defined by the ability to see, read, talk, sit, stand, hear, hands to fingers dexterity, handle, feel or operate objects, read and write English.

Work is performed both indoors and outdoors. Must be able to wear hard hat/helmet, safety glasses, safety shoes and gloves. Exposure to extreme temperatures, electrical hazards, noise, heights, fumes, and dust are common. The position requires the ability to lift materials in excess of 50 pounds on a regular basis and to work in awkward positions. The incumbent may be required to stand for long periods of time.

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

Minimum Education and Experience

High school diploma or equivalent

Minimum five years at the journeyman level in the skilled repair in overhauling and repairing automotive equipment, to include twelve months repair in fire apparatus or heavy duty equipment.

ASE certification, IAFC certification preferred.

valid Florida driver's license with Class A CDL.

Furnish own tools and repair equipment.

CDL requirement may be waived for up to 90 days but must be obtained by the end of the 90 days for continued employment.

A comparable amount of training or experience may be substituted for the minimum education requirement.