



Vehicle/Heavy Duty Equipment Mechanic

Bargaining Unit: SEIU Local 1021

DEFINITION

Under the supervision of the Fleet Supervisor, the Vehicle/Heavy Duty Equipment Mechanic performs a wide variety of preventative and periodic maintenance on City owned vehicles and equipment.

CLASS CHARACTERISTICS

This is a journey-level position where the incumbent is expected to provide customer service to City departments operating vehicles and equipment. Incumbent must be able to work independently and/or as a member of a team on various projects as assigned.

EXAMPLES OF DUTIES

- Performs full range of preventative and periodic maintenance and repair, modification and installation services to City fleet;
- Completes service orders on assigned vehicles and equipment by performing preventative maintenance, repair and overhaul of gasoline, diesel, alternative fuel, hybrid and electric automobiles, light and medium duty trucks and related equipment that includes but is not limited to emergency generators, small construction equipment, bituminous machine, trailers, arrow board trailers, message board trailers, gas, diesel, and electric driven carts, landscape trucks, paints prayer trucks and pressure washer trailers;
- Operates a wide variety of automotive related tools and equipment, such as: electronic engine analyzer and other diagnostic equipment, automotive electrical testing and charging devices; grinding, cutting and welding apparatus; metal fabricating tools; alternative fuel vehicle tools and testers; taps and dies; presses and pullers; air conditioning equipment; and other shop related tools;
- Welds and fabricates as needed for repair or construction; repairs and maintains hydraulic systems; diagnoses and repairs electrical systems;
- Repairs light and heavy-duty brake systems; maintains emission control systems; repairs and installs tires; maintains shop and facility equipment;
- Performs transfers of special gear from old to new units, usually requiring modification to fit properly;
- Submits daily work orders and logs, keeps records; enters work order information and makes reports as required. Monitors fuel deliveries, cleans shop and shop tools; orders and stores parts needed for inventory.

- Performs preventative and periodic maintenance and repair of the Compressed Natural Gas, gasoline and diesel fueling stations, fuel and service emergency generators.
- Obtains and maintains professional certifications when needed.
- Performs daily work tasks in a safe manner according to current professionally accepted safety practices.
- Participates in City safety and environmental committees, as assigned;
- Perform other duties as required

QUALIFICATIONS

Knowledge Of:

- Principles and operation of internal combustion gasoline, diesel, CNG, and alternative fuel engines and hybrid powertrains;
- Maintenance, repair, and overhaul requirements of light and medium duty trucks, automobiles, small construction equipment and other equipment that includes but is not limited to emergency generators, bituminous machine, trailers, arrow board trailers, message board trailers, landscape trucks, paint sprayer trucks, gas, diesel, and electric driven carts;
- The uses of oils, greases and lubricating devices;
- The methods used to tune-up automotive vehicles;
- The use of testing equipment such as an electronic engine analyzer, voltmeter, exhaust emission analyzer, and oscilloscope
- Maintenance and repair of hydraulic systems, air systems, cooling systems, automatic and standard transmissions and clutches;
- Automotive electronic principles and operations including schematic concepts;
- Preventative maintenance inspection methods;
- Garage safety procedures;
- The method of operation and use of a variety of automotive vehicles and equipment, including gas and electric welding equipment;
- The assembly and operation of auxiliary equipment typically found in vehicles, trucks and construction equipment;
- The vehicle code pertaining to lighting systems, emission control systems, and brake systems;
- The methods used in metal fabrication; safe work practices and use of required safety equipment.

Ability To:

- Diagnose defects in and perform repairs on a wide variety of automotive and construction equipment; ability to weld and fabricate;
- Operate motor vehicles and motorized equipment;
- Use and care for related tools and equipment;
- Understand and follow oral and written instructions;
- Prepare job reports;

- Operate and use a computer;
- Work effectively as part of a group or team;
- Deal tactfully and effectively with the public, vendors and fellow employees;
- Providing excellent customer service to internal and external customers;
- Effectively communicate with others in all settings.

Licenses and Certificates:

Possession and maintenance of a valid Class C California Driver's License with a satisfactory driving record. A California Commercial Driver's License is preferred.

Education and Experience:

A sufficient combination of work experience, training and/or education which demonstrates possession of and competency in requisite knowledge, skills and abilities such as:

High school diploma, GED, or equivalent and two (2) years of experience as a vehicle/heavy duty mechanic.

WORKING CONDITIONS, ADA AND OTHER REQUIREMENTS

The City of Union City is an equal opportunity employer. The City of Union City will comply with its obligations under the law to provide equal employment opportunities to qualified individuals with disabilities.

Positions in this class typically require: sitting, stooping, kneeling, crouching, reaching, standing, walking, pushing, pulling, lifting, fingering, grasping, talking, hearing, seeing, and repetitive motions.

Medium Work: Exerting 20 to 50 pounds of force occasionally, and/or 10 to 25 pounds of force frequently, and/or greater than negligible up to 10 pounds of force constantly to move objects.

Incumbents generally work in an enclosed work space with adequate light and temperature. There may be occasional exposure to fumes, noxious odors, dust, mist, gases, poor ventilation, underground/confined/restricted working environment and exposure to loud noise.

Travel: Positions in this class may require local and statewide travel as necessary.