

SMALL ENGINE MECHANIC

Position Code: 1804

WC Code: 8380

FLSA Status: Non-Exempt

Pay Grade: 346

Location: Public Services (Fleet)

Approval Date: 2018

General Statement of Duties

Performs responsible skilled mechanical work to maintain and repair small engine equipment.

Distinguishing Features of the Class

An employee in this class performs as a skilled mechanic. The employee conducts preventative maintenance and repairs on light equipment and trailers. Work includes the repair of engines, brakes, electrical and hydraulic systems, and tires. Employees exercise judgment in diagnosing malfunctions of equipment and determining necessary repairs. Employees are subject to hazards of equipment mechanics including working in both inside and outside environments, and exposure to various hazards such as noise, vibrations, moving mechanical parts, electrical currents, dusts, mists, fumes, odors, and oil. In some jobs involving equipment, duties may expose the employee to human body fluids and thus the work is subject to level III of the OSHA requirements on blood borne pathogens. Work is performed under regular supervision and is evaluated through observation while in progress and inspected upon completion.

Duties and Responsibilities

Performs preventive maintenance on equipment and trailers.

Troubleshoots and repairs gas and diesel engines, brakes, electrical, hydraulic, fuel, ignition, emission, air, exhaust, drive train, transmission, and related problems and components.

Repairs all small equipment and trailers.

Cuts, fabricates, and welds metal to perform repairs.

Perform inventory of parts and tools

Clean and maintain shop

Perform electrical repairs and Assist other mechanics in Fleet as needed.

Recruitment and Selection Guidelines

Knowledge, Skills and Abilities

General knowledge of the methods, tools, parts and equipment used in the repair of small equipment.

General knowledge of gasoline and diesel engine operation and repair.

General knowledge of electrical, hydraulic, vacuum, and brake systems.

Working knowledge of safety hazards and precautions related to the work.

Skill in the use and the operations of tools and machinery used in small equipment repair work.

Ability to diagnose mechanical problems and determine the appropriate solution.

Ability to maintain computer records.

Ability to detect by inspection any worn or broken parts.

Ability to understand service manuals and schematic drawings.

Ability to operate vehicles and equipment safely.

Ability to follow instructions accurately.

Ability to establish and maintain effective working relationships with co-workers and other departments.

Physical Requirements

Must be able to physically perform the basic life operational functions of climbing, balancing, stooping, kneeling, crouching, crawling, reaching, standing, walking, pushing, pulling, lifting, fingering, grasping, feeling, talking, hearing, and perform repetitive motions.

Must be able to perform heavy work exerting up to 100 pounds of force occasionally; and/or up to 50 pounds of force frequently; and/or 20 pounds of force constantly to move objects.

Must possess the visual acuity to perform mechanical non-repetitive work, distinguish the work performed at an arm's reach, and read diagrams and repair manuals.

Minimum Education and Experience

High School Diploma or GED and two to plus years of directly related experience; or two years of college or Associate's Degree and three to five years of directly related experience; or an equivalent combination of education and experience.

Special Requirement

Possession of a valid North Carolina Driver's License

Additional manufacturer certifications preferred