

## SMALL EQUIPMENT MECHANIC

### **PURPOSE AND NATURE OF WORK**

This is moderately complex work involved in the maintenance and repair of small and related mechanical equipment including small tractors. The employee also makes minor repairs to the body or frame of the small equipment when necessary. Assignments are made orally or in the form of written work orders. Work is performed under general supervision and is subject to review while in progress or upon completion.

**ILLUSTRATIVE EXAMPLES OF WORK** (Note: These examples are intended only to illustrate the various types of work performed by incumbents in this class. All of the duties performed by any one incumbent may not be listed, nor does any incumbent necessarily perform all of these duties.)

Repairs and overhauls engines, transmissions, differentials, electrical systems, and front ends on grass cutting equipment such as lawn mowers and small lawn tractors. Repairs generators, mechanical pumps, compressors, blowers and other related construction, emergency, and maintenance equipment. Repairs and adjust brakes and clutches; makes minor hydraulic system repairs. Makes minor welding repairs on equipment and related components. Performs mechanical tests, checks malfunctions, determines corrective measures to be applied. Adjusts and replaces supports equipment and units, including valves, and pistons, and fuel and exhaust assemblies. Maintains records for equipment and parts inventory purchases, equipment conditions, costs of repairs, and preventative maintenance. Spot checks equipment for performance and makes repairs as necessary.

Performs related work as required.

### **NECESSARY KNOWLEDGES, ABILITIES, AND SKILLS**

Knowledge of the standard practices, methods, tools, materials, and equipment of the automotive mechanics trade.

Knowledge of the principles governing small gasoline and diesel engines, hydraulics, and small equipment used in grounds maintenance.

Knowledge of the occupational hazards and safety precautions of the trade.

Ability to select and use mechanical tools and diagnostic equipment as required by specific circumstances.

Ability to establish and maintain effective relationships with superiors and other employees.

Ability to maintain and complete accurate records.

Skill in the use and care of mechanical tools, equipment, and testing instruments.

### **DESIRABLE TRAINING AND EXPERIENCE**

Graduation from high school and experience in small engine or automotive repair; or any equivalent combination of training and experience.

### **NECESSARY SPECIAL QUALIFICATIONS** (Depending on area of assignment)

Possession of a valid Louisiana Driver's License.