

## **CONSTRUCTION EQUIPMENT MECHANIC II**

### **DISTINGUISHING FEATURES OF THE CLASS:**

This is a highly skilled position responsible for performing journey level equipment mechanic work. The incumbent, independently or with others, repairs, maintains or modifies highway construction and maintenance equipment, in accordance with accepted trade and safety practices. The position differs from Construction Equipment Mechanic I in that a greater degree of skill and specific knowledge of construction equipment is needed. The work is performed under the general supervision of a higher level employee, with some leeway allowed in the planning and performance of the details of activities. Some supervision or guidance may be exercised over lower level mechanics or their helpers.

### **TYPICAL WORK ACTIVITIES:**

1. Performs skilled repairs on gasoline and diesel powered highway construction and maintenance equipment, including the repair or replacement of electrical, hydraulic, cooling, drive train, braking, steering and fuel system components;
2. Performs preventive maintenance work on highway construction and maintenance equipment, including checking fluids, changing oil, inspecting brakes, greasing components and performing tune-ups on diesel and gasoline engines;
3. Performs emergency field repairs on construction equipment using a utility repair truck; keeps truck in clean and safe operating condition; maintains an inventory of parts and materials for emergency road repairs of equipment;
4. Assembles and disassembles construction equipment in the performance of normal duties;
5. Maintains work area in a clean and safe condition;
6. Performs skilled repairs on automobiles as assigned;
7. Attends additional training on equipment repair and safety procedures as assigned;
8. Participates in emergency operations and snow and ice control activities as required;
9. May assist in the fabrication, modification or mounting and dismounting of equipment;
10. Does related work as required.

### **FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:**

Thorough knowledge of the principles, practices and tools of the construction equipment mechanic trade; good knowledge of accepted safety practices and OSHA standards for the trade; good knowledge of the operation and mechanical functions of highway construction and maintenance equipment; working knowledge of the principles, practices and tools of the welding trade; ability to diagnose construction equipment problems and to effect safe and efficient repairs; ability to follow oral and written instructions; ability to work from plans and specifications; manual dexterity; good hand and eye coordination; dependability; initiative; resourcefulness; physical condition commensurate with the demands of the position.

## CONSTRUCTION EQUIPMENT MECHANIC II (Cont'd)

### MINIMUM QUALIFICATIONS:

Three (3) years of full-time skilled mechanical work experience which primarily involved the repair of construction or heavy equipment.

### NOTES:

- 1) Acceptable work experience must be of a full performance nature and not limited in range as to type of repair performed.
- 2) Post high school education in the field of heavy equipment mechanics or a closely related area may be substituted for the above work experience on a month-for-month basis up to a maximum of two (2) years.

### SPECIAL REQUIREMENT:

1. Candidates must possess a valid New York State Class B Commercial Driver's License at time of appointment and to maintain position. This license must have a CDL endorsement for tanker vehicles and contain no restrictions other than those relating to personal physical conditions. Such restrictions will be reviewed on a case by case basis for compatibility with job duties and will not be an automatic bar to employment.
2. Candidates must obtain a valid Motor Vehicle Inspector's license by the completion of the probation period.

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