

## **CONSTRUCTION EQUIPMENT MECHANIC I**

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

This is a skilled position responsible for performing journey level equipment mechanic work. The incumbent, independently or with others, repairs and maintains highway construction and maintenance equipment, in accordance with accepted trade and safety practices. The position differs from Construction Equipment Mechanic II in that a lesser overall 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 work activities. Supervision is not a normal function of the position; however, some guidance may be exercised over assistants.

### **TYPICAL WORK ACTIVITIES:**

1. 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;
2. Performs routine skilled repairs or assists in more complex 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;
3. Assembles and disassembles construction equipment in the performance of normal duties;
4. May perform emergency field repairs on construction equipment using a utility repair truck; keeps truck in clean and safe operating condition;
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:**

Good 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 follow oral and written instructions; ability to work from plans and specifications; ability to effect safe and efficient repairs on highway construction and maintenance equipment; manual dexterity; good hand and eye coordination; dependability; initiative; resourcefulness; physical condition commensurate with the demands of the position.

**CONSTRUCTION EQUIPMENT MECHANIC I (Cont'd)**

**MINIMUM QUALIFICATIONS:**

- EITHER:       (A)     Two (2) years of full-time skilled automotive mechanic work experience;
- OR:            (B)     One (1) year of full-time skilled mechanical work experience which primarily involved the repair of construction or heavy equipment;
- OR:            (C)     An equivalent combination of work experience as indicated in (A) and (B) above.

**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 year for year basis.

**SPECIAL REQUIREMENT:**

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.

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