

Senior Heavy Equipment Mechanic Tompkins County

Department: Highway

Classification: Competitive

Labor Grade: 13

Approved: Reclass of Heavy Equipment Mechanic 11/15

Revised: 8/16; 2/24

By: HB, Deputy Commissioner of Human Resources

MINIMUM QUALIFICATIONS:

(a) Graduation from a regionally accredited or New York State registered two year technical school or community college with an Associate's Degree or certificate in heavy equipment technology or mechanics **AND** three years of experience in heavy vehicle repair performing repair and maintenance; **OR**

(b) Graduation from a regionally accredited or New York State registered two year technical school or community college with an Associate's Degree or certificate in automotive technology or mechanics **AND** five years of experience in the automotive repair and maintenance field, which must have included experience working with diesel engines. **OR**

(c) Graduation from high school technical or vocational program in automotive technology or mechanics **AND** five years of experience in a heavy equipment repair shop performing repair and maintenance of heavy equipment under the supervision or direction of a journey-level automotive mechanic; **OR**

(d) Seven years experience in a heavy equipment shop performing repair and maintenance of heavy equipment under the supervision or direction of a journey-level automotive mechanic.

Tompkins County is Committed to Equity and Inclusion. We encourage those with similar values to apply.

SPECIAL REQUIREMENTS:

Must possess a valid New York State Drivers License Class B with Air Brake endorsements at the time of application and maintain such license for the duration of employment. Employees operating Motor Equipment or Heavy Equipment on streets or roadways must possess a class A or B commercial drivers license and must be enrolled in the Tompkins County Drug and Alcohol Testing Consortium.

Must possess a NYS Department of Motor Vehicle Inspection Certification Group I and Group II and air brake training certificate at the time of application.

Must furnish own hand tools and tool box as required.

DISTINGUISHING FEATURES OF THE CLASS

This is skilled work primarily responsible for the administration and supervision of the garage and equipment repair facilities including heavy equipment, and automotive repairs. An incumbent in this position will be responsible for supervision of Heavy Equipment Mechanics, Equipment Service Technicians, and parts room service technicians including scheduling and layout of daily work load. Considerable autonomy and independent judgment is required to plan and carry out the details of the work assigned. An employee of this class is required to lead the work of other shop personnel as assigned. Because of the nature of the work, this job involves considerable risk of moderate injury and some risk of serious injury. The work environment has considerable exposure to disagreeable conditions such as dirt, grease, grime and weather. Visual effort required is moderate. Equipment and tools required to repair heavy equipment require considerable precision, dexterity, knowledge and skill to use. The work requires considerable physical effort such as crouching, crawling, and frequent lifting of heavy automotive and equipment parts. The incumbent will perform all related duties as required.

TYPICAL WORK ACTIVITIES:

- Daily communication with Highway Crew supervisors, and Highway Director to ensure equipment needs and availability;
- Communication with other departments to schedule vehicle repairs;
- Assists the highway director with budget planning;
- Works with vendors to develop specifications for new vehicles and equipment;
- Assigns tasks to other shop personnel;
- May develop equipment specific training;
- Diagnose and trouble shoot for preventative maintenance and/or equipment failure;
- Performs skilled operations in making general repairs on motor equipment such as automobiles, trucks, tractors, sweepers, bulldozers, graders, rollers, backhoes, power saws and other public works equipment.
- May perform major engine overhauls on gasoline and diesel engines such as installing connecting rods and bearings, sleeve kits, pistons and rings, grinding valves, etc.;
- Repairs or overhauls brake systems, differentials, transmissions, front and rear axles, suspension systems, steering systems, hydraulic systems and electrical systems;
- Performs welding and fabrication work on heavy equipment;
- Operates machine shop equipment, including lathes, grinders, torches, welders, electronic and other diagnostic test equipment and such other machines and equipment used in the department; and
- Submit daily written reports and shop repair orders;
- An incumbent may be required to operate motor equipment, heavy equipment or serve as general labor in support of departmental operations as the needs of the service require.
- Town of Ithaca - Assigned to be a Class C petroleum bulk storage (PBS) operator and responds to emergency fuel spills as directed by the facilities Class A or B operator.

KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

- Thorough knowledge of standard automotive repair .methods and. of the terminology and tools of the trade
- Skill in the use and care of automotive and public works equipment servicing tools and equipment;
- Ability to make journey level repairs to automotive and other mechanical equipment;
- Ability to work from plans, specifications, electrical and hydraulic schematics, rough sketches and oral instructions;
- Ability to lift heavy objects;
- Ability to layout and supervise the work of others;
- Ability to get along with others;
- Ability to perform activities involving considerable strenuous effort;
- Ability to operate a wide variety of motor equipment and heavy equipment;
- Willingness to use and operate equipment, tools and machines;
- Willingness and ability to tolerate odors, dirt, exposure to solvents, oils, work in all kinds of weather conditions, and make repairs on job sites and roadways;
- Good coordination, dexterity;
- The employee's physical and mental condition shall be commensurate with the demands of the position, either with or without reasonable accommodation; and
- The employee must be willing and able to work overtime and respond to emergency work as needed.

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