

# MECHANIC

## **General Summary:**

Under the general supervision of the Superintendent of Public Works, performs a wide range of maintenance and mechanical repair activities on township automotive equipment. Operates backhoe and front end loader in the installation of water mains.

## **Typical Duties:**

- Inspects, repairs, and maintains functional parts of automotive and mechanical equipment, such as trucks, tractors, backhoes, bulldozers, plows, loaders, and small engines and equipment.
- Inspects defective equipment and diagnoses malfunctions using testing equipment and factory manuals.
- Road test vehicles to evaluate corrective measures.
- Discusses mechanical problems with equipment operators and may supervise the operator in the maintenance and repair of the equipment.
- Disassembles and overhauls diesel and internal combustion engines, pumps, hydraulic lines, auxiliary equipment, generators, compressors, clutches, and differentials. Replaces worn or broken parts, grinds and reseals valves using valve grinding machine, and repairs and may manufacture parts using gas and electric welders.
- Performs routine maintenance activities, adjusting brakes, changing oil and filter, tightening bolts and screws, checking tires, batteries, and lubrication moving parts.
- Modifies or fabricates special parts or equipment.
- May go into field to repair equipment or bring equipment back to garage for repairs.
- Operate front end loader and backhoe in construction for sanitary sewer, storm sewer, and water systems.
- Thaws frozen water pipes using a welder.
- Regularly uses a variety of tools and equipment including hoists, hand tools, drills, saws, welders, grinders, diagnostic equipment, and painting equipment.
- Performs other duties as assigned or requested. May substitute for other departments in case of sickness or vacations.

## **Employment Qualifications:**

- Education: High School Graduate
- Master Certification by State of Michigan for gas and diesel.
- Experience: 2 to 3 years of mechanical repair work

The above statements are intended to describe the general nature and level of work being performed by people assigned this classification. They are not to be construed as an exhaustive list of all job duties performed by personnel so classified.

The qualifications above are guidelines; alternative qualifications may be substituted if sufficient to perform the duties.