

# Heavy Equipment Mechanic I

A skilled mechanical role focused on diagnosis, repair, and maintenance of automotive and construction equipment.

The Department of Water Environment Protection (WEP) delivers wastewater treatment services that protect public health and local waterways across Onondaga County, supported by a skilled and dedicated workforce.

## WHY YOU?

This role is well suited for mechanics who take pride in diagnosing problems and performing quality repairs on automotive and construction equipment. As a Heavy Equipment Mechanic I, you'll focus on skilled mechanical work involving gas-powered engines and related systems, with the latitude to plan your work and do the job right. WEP offers a steady shop environment where mechanical experience and problem-solving skills are valued.

## WHAT EXACTLY DOES A HEAVY EQUIPMENT MECHANIC I DO?

A Heavy Equipment Mechanic I performs skilled mechanical repair and maintenance work on heavy automotive and construction equipment, including hydraulic systems. The work primarily involves internal gasoline combustion systems and related components, rather than the specialized operating systems found in larger or more complex heavy construction equipment. Under general supervision, assignments are received with latitude to plan the details of each task, and work is reviewed through operational testing of the equipment upon completion. Does related work as required.

- ❖ Diagnoses cause of equipment malfunction or examines equipment to locate inoperative or malfunctioning components: tests units for conformance to specifications under actual or simulated operating conditions using equipment such as voltage testers and hydraulic testing equipment.
- ❖ Dismantles equipment using hoists, hand and power wrenches, screwdrivers, pliers, and other mechanic's tools. Inspects parts for damage or excessive wear and verifies that clearance and dimensions of parts such as shafts, bearings, bushings, pins, gears, and rollers meet factory specifications, using gauges such as calipers and micrometers.
- ❖ Repairs and replaces parts such as pistons, rods, gears, valves, and bearings using mechanics hand tools. Rebuilds, repairs or replaces malfunctioning carburetors, generators, starters, etc.; cleans parts by hand using cleaning solutions.
- ❖ Tests repair equipment under actual or simulated operating conditions to ensure malfunction has been corrected; attaches compression, ignition and timing instruments to engine and tunes engine to optimum operating conditions.

This list is not exhaustive. Additional duties are outlined in the official job description.

## MINIMUM QUALIFICATIONS

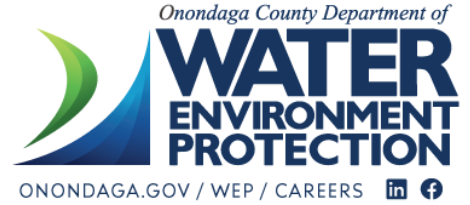
- Graduation from a regionally accredited college or university or one accredited by the New York State Board of Regents to grant degrees with an associate's degree in automotive technology or diesel equipment technology; or,
- Two (2) years of skilled mechanical experience or its part-time equivalent, in the repair and maintenance of automotive equipment, construction equipment or heavy trucks utilizing both gasoline and diesel-powered engines; or,
- An equivalent combination of training and experience as defined by the limits of (A) and (B).

## SPECIAL NECESSARY REQUIREMENT

At Time of Appointment: When required to operate motor vehicles, employees must possess a valid non-CDL or CDL with appropriate endorsements as required by the New York State Department of Motor Vehicles for the class of vehicle(s) being operated. Eligibility for and continued possession of the license is required for employment.

Note: Additional endorsements or certifications may be required upon completion of the probationary period.

Onondaga County is an Affirmative Action (AA) employer committed to Equal Employment Opportunities (EEO) for all persons.



### ANNUAL SALARY

\$ 53,998 – \$59,503

### CIVIL SERVICE GRADE

CSEA / 08

### POSITION TYPE

Permanent

### Full Time

40 hours/week

### WEP DIVISION

Fleet

### BENEFITS

- Paid Sick, Personal, and Vacation Leave
- 13 Paid Holidays
- Health, Dental, and Vision Insurance
- NYS Retirement Benefits and Retiree Healthcare
- Flex Spending
- Work - Life Balance
- Professional Development Opportunities

### HOW TO APPLY

Access the job posting and application by scanning the QR code or visiting **Onondaga.gov/WEP/careers**.

Email the completed application and resume to **WEPRecruiting@ongov.net** to apply.

