

# Heavy Equipment Mechanic I

The Department of Water Environment Protection (WEP) provides critical wastewater services to Onondaga County's Consolidated Sewer District. We are successful in our mission to protect local waterways and public health because of our dedicated and diverse workforce. WEP is looking for a communicative, critical thinker to join our team!

## WHY YOU?

WEP is continuously seeking dedicated and proactive professionals to join our cohesive and diverse team! If you have experience in the repairing and overhauling of gas driven engines, transmissions, brake and exhaust systems, water pumps, generators, suspension systems, differentials, and axles, and meet the minimum qualifications noted below, we value your skills and knowledge!

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

The work involves responsibility for performing skilled mechanical repair work on heavy automotive and construction equipment, including hydraulic systems. The Heavy Equipment Mechanic I is differentiated from the second level in that the work performed is primarily on internal gasoline combustion system and not on unique operating systems as found in heavy bulldozers, power shovels, extractors and other heavy construction equipment. General instructions are received regarding tasks to be performed, giving latitude for planning the details of each assignment. Work is reviewed upon completion by thorough operation of the equipment. Does related work as required, mechanical maintenance and repair. This is an important role at WEP, and duties will include (but are not limited to):

- ❖ 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.

## MINIMUM QUALIFICATIONS

- A. 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,
- B. 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,
- C. 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.

## ANNUAL SALARY

**\$52,425- \$57,770**

## CIVIL SERVICE GRADE

**CSEA / 8**

## POSITION TYPE

**Permanent**

**Full Time**

**40 hours/week**

## WEP DIVISION

**Operations**

## BENEFITS

**Paid Vacation & Sick Leave**

**13 Paid Holidays**

**Health & Dental Insurance**

**Vision Plan**

**NYS Retirement Benefits &**

**Retiree Healthcare**

**Flex Spending**

**Work-Life Balance**

**Professional Development**

**Opportunities**

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 ONGOV.NET/EBENEFITS**



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