



Winnebago County

The Wave of the Future

JOB POSTING

<u>POSITION TITLE:</u>	Mechanical Technician I
<u>LOCATION:</u>	Solid Waste
<u>HIRING RANGE:</u>	\$26.20-\$29.11/Hr.
<u>STATUS:</u>	Full time
<u>HOURS PER WEEK:</u>	40
<u>WORK HOURS:</u>	Monday-Friday, 7:00 am-3:30 pm, includes weekend/on-call rotation

APPLICATION DEADLINE: Recruitment will be ongoing

Current Winnebago County employees interested in applying for this position will need to complete the Winnebago County Application for [Departmental Transfer/Position Change](#) form. Other parties interested in applying for this position will need to complete the [Winnebago County Application for Employment](#).

WINNEBAGO COUNTY POSITION DESCRIPTION

April 2023

POSITION TITLE: Mechanical Technician I

DEPARTMENT: Solid Waste

PAY BASIS: Hourly

PURPOSE AND SUMMARY:

Assists with operations, maintenance and repairs of landfill gas collection and conveyance systems and electrical generating equipment located at Solid Waste Department facilities, while maintaining Wisconsin Department of Natural Resources (WDNR) air permit compliance and Public Service Commission (PSC) pipeline compliance.

ESSENTIAL FUNCTIONS:

1. Assists with operations, maintenance and repair of landfill gas collection, landfill gas pipeline, flares and electric power generation equipment used by Solid Waste Department for electric power generation; maintains WDNR air permit and PSC pipeline compliance.
2. Prepares maintenance records and logbooks in compliance with WDNR air permit and PSC pipeline requirements.

3. Maintains repair parts inventories to allow timely completion of maintenance activities.

ADDITIONAL ESSENTIAL DUTIES:

1. Assists with troubleshooting and repair of mechanical, hydraulic, electrical/electronic and pneumatic equipment.
2. Responds to off-hour emergencies and breakdown notifications.
3. Participates in the scheduled weekend rotation of monitoring the electric power generation equipment.
4. Performs periodic landfill gas monitoring of the collection system and well field to optimize electrical generation performance.
5. Safely operate fork lift, boom lift, skid loader, and jib crane/hoisting devices to transport machine equipment parts.
6. Utilize assigned cellular phone to access and view landfill SCADA system remotely and address system issues.
7. Performs other related duties as may be assigned.

WORK RELATIONSHIPS:

1. Reports to Environmental Manager.
2. Takes direction from and works with Mechanical Technician II.
3. Also works with consultants, contractors, vendors, and other County department staff.

REQUIRED EDUCATION, EXPERIENCE, TRAINING, AND CERTIFICATION:

1. Training and experience equivalent to an Associate's Degree in Electro-Mechanical Technology, Electronic/Electrical Technology, Automotive Mechanics Technology or certificate of completion of an apprenticeship in Maintenance related skilled trades.
2. Ability to obtain pipeline operator certification in accordance with Subpart N of 49CFR Part 192.
3. Possess current valid Wisconsin driver license and minimum auto insurance coverage as required by County.

KNOWLEDGE, SKILLS, AND ABILITIES:

1. Working knowledge of the National Electrical Code.
2. Experienced in maintaining 480-volt, 3 phase electrical systems, and 24-volt DC controls.
3. Working knowledge on the trouble shooting, maintenance, repair, of natural gas internal combustion engines.
4. Knowledge and experience with use of various lubricants and fluids (glycol, grease, oil, etc.) utilized in landfill gas to energy and collection equipment.
5. Arc Flash knowledge/training.
6. Experienced in welding and cutting metals.
7. Knowledge of and ability to use test instruments, monitors, and diagnostic equipment.
8. Experience with operating small equipment (skid loader, boom lift, fork lift, UTV, etc.)
9. Ability to work from blueprints and schematic drawings.
10. Ability to work efficiently with little to no supervision under pressure within the confines of regulatory requirements.
11. Ability to establish and maintain effective working relationships with fellow employees, consultants and vendors.
12. Computer skills including familiarity with Microsoft Office applications and PLC operations, including ladder logic.
13. Ability to use computers for the purposes of record keeping, researching information and procuring materials, communications, scheduling work and troubleshooting problems.

PHYSICAL REQUIREMENTS:

1. Ability to perform work from a standing or walking position for periods of two hours or less during the shift.
2. Ability to lift a minimum of 75 lbs. at regular periods during the shift.
3. Capable of lifting, climbing, bending and working at high levels from ladders, platforms and power lifts.
4. Ability to work in an environment with occasional exposure to unpleasant odors, hazardous fumes, and adverse seasonal temperatures.