

HERKIMER COUNTY DEPARTMENT OF PERSONNEL

Announces

Examination Open to the Public

WATER TREATMENT PLANT OPERATOR

Examination #: 63675 (open-competitive)

Date of Examination: November 9, 2024

Applications must be received or postmarked by: September 20, 2024

Refer to General Instructions, Filing Fee Information, and Application Fee Waiver

A NON-REFUNDABLE FILING FEE MUST ACCOMPANY EACH APPLICATION
\$15.00 MONEY ORDER ONLY - payable to the Herkimer County Treasurer.
Cash accepted only if paying in person; you must have the exact dollar amount.
Personal checks will NOT be accepted.

Salary: \$46,660 per year (Varies by municipality)

Residency: Candidates must be legal residents of Herkimer County or one of its contiguous counties (Fulton, Hamilton, Lewis, Montgomery, Oneida, Otsego, St. Lawrence) for at least 30 days immediately preceding the date of the written test.

Vacancies: The eligible lists established as a result of these examinations will be used to fill appropriate vacancies as they exist/occur in agencies where the position exists under the jurisdiction of the Herkimer County Personnel Office. At present, one vacancy exists at the Village of Herkimer.

Duties: This position involves responsibility for participating in and overseeing the efficient operation and maintenance of a water treatment facility with a multi-medium system incorporating chlorination, cartridges and sand. The incumbent also assists in the operation and maintenance of reservoirs, chlorination and filtration plants. Work is performed under the direction of the Chief Water Plant Operator with wide leeway allowed for the exercise of independent judgment in planning and carrying out the details of the job. Supervision may be exercised over the work of Reservoir Attendants and Water Maintenance Workers. Does related work as required.

MINIMUM QUALIFICATIONS FOR TAKING THE TEST

Possession of an appropriate level Water Treatment Plant Operators Certification for grade level of Water Treatment Plant

SPECIAL REQUIREMENT: If the position requires operation of a motor vehicle and/or heavy machinery, then a valid NYS Drivers License is required at the time of appointment and throughout appointment.

NOTE: Pursuant to the NYS Sanitary Code an operator's certification must be renewed every three years. Appointees must maintain a current certification for the duration of employment in this title.

SUBJECTS OF EXAMINATION

A written test designed to evaluate knowledge, skills and /or abilities in the following areas:

Operation and maintenance of pumps, valves, and related mechanical and electrical equipment

These questions test for knowledge of the principles and procedures involved in the operation, maintenance, and repair of pumps, valves, and related mechanical and electrical equipment, including motors and electric circuitry; and for the ability to identify various types of pumps, valves, and related equipment and understand their functions.

Physics, chemistry, and bacteriology as related to water treatment and purification, including laboratory and field tests

These questions test for knowledge of the principles and practices of water treatment, purification, sampling, and testing, including such areas as the principles of physics, chemistry, and bacteriology involved; terminology associated with water treatment and testing; objectives and principles of various water treatment and testing procedures; measurement, sampling, and preservation of water samples; interpreting test results; and the effects of variables on water treatment processes.

Practices and equipment used in the operation and maintenance of a Type A water treatment plant

These questions test for knowledge of the principles and practices associated with the operation and maintenance of Type A water treatment plants, including such areas as objectives and purposes of plant processes and equipment; terminology associated with Type A water treatment plants; conditions and situations encountered in Type A water treatment plants, including safety concerns; water disinfection and dosing; and equipment and materials used in Type A water treatment plants. Some questions may involve basic arithmetic calculations.

Tools, mechanical aptitude, and reading of scales, meters, and gauges

These questions test for knowledge of the tools used in water and wastewater treatment plants; the ability to identify various types of tools and their uses; knowledge of general mechanical principles and the operation of various types of mechanical devices such as gears, pulleys, levers, valves, and similar types of mechanical equipment; and the ability to read and interpret information displayed on various types of scales, meters, and gauges.

Test guide:

The New York State Department of Civil Service has not prepared a test guide for this examination. However, candidates may find information in the publication 'General Guide to Written Tests' helpful in preparing for this test. This publication is available on line at: <https://www.cs.ny.gov/testing/testguides.cfm>.

Use of calculators is ALLOWED