

MUNICIPAL CIVIL SERVICE COMMISSION, BINGHAMTON, NEW YORK

EXAMINATION FOR

**No. 61-622 WASTEWATER TREATMENT PLANT INSTRUMENT TECHNICIAN
BINGHAMTON/JOHNSON CITY JOINT SEWAGE PLANT**

An **OPEN COMPETITIVE** examination for the position of **Wastewater Treatment Plant Instrument Technician, Binghamton/Johnson City Joint Sewage Plant**, will be held on **Saturday, February 29, 2020** at East Middle School Cafeteria, 167 East Frederick Street, Binghamton, New York at **9:00 A.M.**

VACANCIES: The eligible list established as a result of this examination will be used to fill vacancies as they occur.

MINIMUM SALARY: \$23.92 - \$27.92 per hour

POSTED: 12/11/2019

A fee of **\$12.50** is required for each separately numbered examination for which you apply. The required fee must accompany your applications. Applicants should make their fee checks or money orders payable to the **City of Binghamton**, and write the examination number(s) on your check or money order. As **no refund** will be made, you are urged to compare your qualifications carefully with the requirements for admission and file only for those examinations for which you are clearly qualified.

APPLICATION FEE WAIVER: A waiver of application fee will be allowed if you are unemployed and primarily responsible for the support of a household. In addition, a waiver of application fee will be allowed if you are determined eligible for Medicaid, or receiving Supplemental Security income payments, or Public Assistance (Temporary Assistance for Needy Families/Family Assistance or Safety Net Assistance) or are certified job Training partnership Act/Workforce Investment Act eligible through a State or local social service agency. **All claims for application fee waiver are subject to verification. If you can verify eligibility for application fee waiver, complete a "Request for Application Fee Waiver and Certification" form and submit it with your application by the close of business on the Application Deadline as listed on the Examination Announcement. Such claims are subject to later verification and if not supported by appropriate documentation, are grounds for barring appointment.**

Application blanks and fee waivers may be obtained at the office of the Municipal Civil Service Commission, 4th floor, City Hall, Government Plaza, Binghamton, New York, or from the **City Web-Site at www.cityofbinghamton.com** and must be filed at said office on or before **Tuesday, January 7, 2020, at 4:45 P.M.** Applications filed prior to the announcement of this examination are not a guarantee that you are registered to take this examination. An application for examination must be filed during the filing period listed on this announcement.

MULTIPLE EXAMINATIONS SCHEDULED FOR THE SAME DAY: If you have applied to take a written test announced by either one or several local jurisdictions (county, town, city) scheduled to be held on the same test date as this written test, you must notify each of the local jurisdictions no later than two weeks before the test date, so they can make arrangements for taking all tests at one test site. All examinations for positions in State government will be held at a State examination center.

Failure to submit the Cross filing form for multiple exams in a timely manner may result in our not being able to accommodate your request to sit at your choice of exam sites.

RESIDENCY REQUIREMENTS:

CANDIDATES MUST HAVE BEEN LEGAL RESIDENTS OF ONE OF THE FOLLOWING COUNTIES IN NEW YORK STATE; BROOME, TIOGA, TOMPKINS, CORTLAND, CHENANGO, OTSEGO, OR DELAWARE, OR SUSQUEHANNA, PENNSYLVANIA FOR AT LEAST ONE MONTH IMMEDIATELY PRECEDING THE EXAMINATION DATE.

CANDIDATES MUST MEET THE FOLLOWING REQUIREMENTS ON OR BEFORE THE DATE OF THE WRITTEN EXAMINATION.

MINIMUM QUALIFICATIONS: Either:

- (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 electrical technology or electronics or closely related field and two (2) years of experience maintaining, repairing and installing electronic equipment; or
- (b) Graduation from high school or possession of a high school equivalency diploma and four (4) years of experience as defined by the limits of (a); or (c) An equivalent combination of training and experience as defined by the limits of (a) and (b) or
- (c) An equivalent combination of training and experience as defined by the limits of (a) and (b)

SPECIAL REQUIREMENT: Possession of a New York State Driver's License is required at time of appointment and must maintain the license during the entire length of appointment.

DUTIES: Under general supervision, performs skilled electronic and electrical work involving the troubleshooting, installation, and repair of the sophisticated and elementary, instrumentation power and control systems in the wastewater treatment facility, or sewer systems. The work involves responsibility for the installation, calibration, maintenance and repair of electronic instruments and devices used to operate, measure and monitor wastewater treatment processes. The work is performed under the general supervision of the Wastewater Treatment Plant Head Electrician with leeway allowed for the exercise of independent judgment in planning and carrying out the details of the work. Does related work as required.

Scopes / Subjects of examination: A test designed to evaluate knowledge, skills and /or abilities in the following areas.

Basic electronics, including electrical and electronic circuitry, schematics and wiring diagrams

These questions test for knowledge of the concepts, principles, and practices involved in basic electronics, including electrical and electronic circuitry, schematics, and wiring diagrams; and may include such areas as the concepts of voltage, current, and resistance; the identification and function of circuit and solid state components; and the ability to interpret electrical and electronic schematics and wiring diagrams.

Reading and interpretation of plans and specifications

These questions test for the ability to read and interpret typical plans, layouts, diagrams, and technical specifications related to mechanical or electrical equipment and systems.

Tools of the trade (electrical)

These questions test for knowledge of the tools, instruments, and equipment typically used in the electrical trades, including the proper and safe use of this equipment.

Operation, maintenance, and repair of SCADA systems and related equipment

These questions test for knowledge of the operating principles of SCADA systems and related peripherals equipment, including appropriate troubleshooting, maintenance, and repair procedures for these systems including radio, telephone, fiber optic based networks, and Remote Telecontrol Units (RTU).

Inspection, operation, maintenance, and repair of equipment used in instrumentation

These questions test for knowledge of the principles and practices involved in the operation, maintenance, and repair of equipment used in electronic instrumentation, including meters, sensors, indicators, recorders, and data acquisition equipment. Topics covered will include equipment identification, selection, measurement, maintenance, and data interpretation.

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 RECOMMENDED for this exam. You are permitted to use quiet, hand-held, solar or battery-powered calculators. Devices with typewriter keyboards, “Spell Checkers”, “Personal Digital Assistants”, “Address Books”, “Language Translators”, “Dictionaries” or any similar devices are prohibited. You **may not** bring books or other reference materials to the examination.

VETERAN CREDITS: Veterans or disabled veterans who are eligible for additional credit must submit an application for veteran’s credit with their application for examination or at any time between the dates of their application for examination and the date of the establishment of the resulting eligible list. Applications for veteran’s credit are available from this office. Veteran’s credits can only be added to a passing score on the examination.

Effective January 1, 1998, the State Constitution was amended to permit a candidate currently in the armed forces to apply for and be conditionally granted veteran’s credit in examinations. Any candidate who applies for such credit must provide proof of military status to receive the conditional credit. **No credit may be granted after the establishment of the list.** It is the responsibility of the candidate to provide appropriate documentary proof indicating that the service was in time of war, as defined in Section 85 of Civil Service Law, and that the candidate received an honorable discharge or was released under honorable conditions in order to be certified at a score including veteran’s credits.

MILITARY PERSONNEL: Military Law

Section 243-b(1): Any member of the armed forces who properly filed an application for a competitive examination within the announced filing period, but was unable to participate in the examination due to active military service, must be provided with a special make-up examination. This applies to veterans covered by Section 242 or 243 of the Military Law, as well as any other applicant who, due to active military service, was prevented from participating in a competitive examination for which he/she timely filed an application.

Section 243-b(2): All members of the armed forces who miss the application deadline for a civil service examination due to active military service are provided with the ability to participate in either the scheduled examination holding or a make-up examination, subject to the policy of the civil service agency administering the examination. Contact the Binghamton Civil Service Office for more information.

Children of Firefighters and Police Officers killed in the line of duty: “In conformance with section 85-A of the Civil Service Law, children of firefighters and police officers killed in the line of duty shall be entitled to receive an additional ten points in a competitive examination for original appointment in the same municipality in which his or her parent has served. If you are qualified to participate in this examination and are a child of a firefighter or police officer killed in the line of duty in this municipality, please inform the Department of Personnel of this matter when you submit your application for examination. A candidate claiming such credit has a minimum of two months from the application deadline to provide the necessary documentation to verify additional credit eligibility. However, no credit may be added after the eligible list has been established.”

RELIGIOUS ACCOMMODATION—INDIVIDUALS WITH DISABILITIES: If special arrangements for testing are required, indicate this on your application. Most written tests are held on Saturdays. If you cannot take the test on the announced test date due to a conflict with a religious observance or practice, indicate this on your application. We will make arrangements for you to take the test on a different date.

EMERGENCY WEATHER CONDITIONS: Examination will be held unless the Local Public Safety Agency verifies that the closing of specific roads, highways or independent transportation services will prevent candidates from reaching the test center.

If candidates have not received a notice to appear for the written test four days before the date of the test, they should call the Municipal Civil Service Commission at (607) 772-7008.

This examination is announced and will be rated in accordance with Section 23-2 of the Civil Service Law. The provisions of the N.Y.S. Civil Service Laws, Rules and Regulations dealing with the rating of the examinations will apply to this written test.