



Connecticut Department of Public Health
Drinking Water Section

CERTIFICATION EXAMINATION – WATER TREATMENT PLANT OPERATOR

Examinations are available for the following CT DPH Water Operator certifications:

Water Treatment Plant Operator (Classes I, II, III, or IV)

Sections 25-32-7a through 14 of the Regulations of Connecticut State Agencies specify the minimum exam qualifications (education and experience). Regulations can be accessed on our website (go to "<https://eregulations.ct.gov/eRegsPortal/>" then search on "25-32-7a"). The enclosed "Regulation Summary" document provides an outline of these minimum education and experience requirements.

Qualified operators who are interested in taking an examination must submit a complete application (see enclosed application instructions). Please be sure that the application is complete, includes all applicable diplomas, and is signed by you and your Chief Operator and / or supervisor (as applicable). The original application must be submitted.

An application fee of two hundred and twenty four dollars (**\$224**), made payable to the "**TREASURER, STATE OF CONNECTICUT**" is required to be submitted with the application. **The application fee cannot be refunded even if the applicant is found ineligible.** Only checks (personal, certified check or money order) made out to the "TREASURER, STATE OF CONNECTICUT" in United States dollars will be accepted.

All applicants will be notified in writing (by email) as to whether or not they will be allowed to sit for the examination. If confirmed, applicants will receive an additional email from the test center administrator, PSI, to schedule your computer-based examination.

Confirmed applicants will be required to pay a \$102.00 examination fee to PSI. Mastery report results will be available to you upon completion of the examination and also provided to the CT DPH, Operator Certification Program.

Please contact the Drinking Water Section, Operator Certification Program at (860) 936-1266 (dph.opcert@ct.gov) if you have any questions.



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Application Instructions: Treatment Plant Operator Examination

Qualified operators (see Education and Experience Requirements, page 4 & 5) who are interested in taking an examination must submit a complete application. The CT DPH will review each application to determine if the applicant has met the minimum requirements and each applicant will receive either a written confirmation letter, or a letter of rejection, listing the reasons for rejection. Note the following:

- The original application must be submitted. Copies, faxes or prior certification applications will not be accepted and will be returned.
- Applications must be complete and must include the necessary application fee (\$224), diplomas, transcripts and signatures.
- Qualified applicants must submit completed pages 1 and pages 2 and/or 3 of the application form. Applicants who meet specific criteria may also submit page 4.
- If an examination application fails to provide all of the required information, an additional application fee is not required for re-submission.

Page 1 **APPLICANT’S CONTACT INFORMATION:** Provide complete contact information as requested. The mailing address is the location where you wish to have all correspondence from the CT DPH mailed to. Should you change your contact information it is your responsibility to notify the CT DPH in writing. Note that the CT DPH frequently provides information updates (training course offerings, changes in policies, etc.) via e-mail.

APPLICANT’S STATEMENT OF CERTIFICATION: It is the applicant’s responsibility to ensure that all information provided in the application is correct.

EXAM CLASS REQUESTED: Check the exam class you wish to take.

APPLICANT’S CURRENT CT DPH CERTIFICATION STATUS: Provide the requested information.

RE-APPLICATION: Check the below Re-application box if you are applying for an exam that you have previously been approved to take and indicate the prior exam date.

DEMONSTRATE COMPLETION OF HIGH SCHOOL EDUCATION BY APPLICANT: Check off on the document, which is included with the application, that demonstrates that the applicant has completed a high school education.

Page 2 **Verification of “In Class” Water Treatment Plant (WTP) Operator Work Experience:** “In-Class” experience is the applicant’s operational work experience at a treatment plant, which is classified at or above the requested examination level. This page of the application is to be completed by the applicants Chief Operator and/or supervisor to document the applicant’s “in-class” treatment plant work experience of a particular classified treatment plant. This page is to be submitted by the applicant along with the rest of the application and is assessed by the CT DPH to determine whether the applicant has sufficient experience to be eligible for the examination and to responsibly operate a Water Treatment Plant. Use additional sheets, if necessary, for different employers or different job titles.

Check off only the activities the applicant routinely performed for the WTP and listed period. NOTE: CHECKING ALL ACTIVITIES ISN’T NECESSARY TO DEMONSTRATE A SUFFICIENT AMOUNT OF EXPERIENCE.

Page 3 **Verification of “Next Lower Class” Direct Responsible Charge Water Treatment Plant (WTP) Operator Work Experience:** “Next Lower Class” experience is the applicant’s direct responsible charge operational work experience of a treatment plant that is classified 1 level below the requested examination level. Direct responsible charge means an active, daily responsibility of the treatment plant. This page of the application is to be completed by the applicant’s Chief Operator and/or supervisor if the applicant is already certified as a Class I, II, or III Water Treatment Plant Operator and would apply their “direct responsible charge” operator work experience of a particular classified treatment plant to sit for an examination 1 class level above their current treatment plant certification level. This page is to be submitted by the applicant along with the rest of the application and is assessed by the CT DPH to determine whether the applicant has sufficient experience to be eligible for the examination and to responsibly operate a Water Treatment Plant. Use additional sheets, if necessary, for different employers or different job titles.

Check off only the activities the applicant routinely performed for the WTP and listed period. NOTE: CHECKING ALL ACTIVITIES ISN’T NECESSARY TO DEMONSTRATE A SUFFICIENT AMOUNT OF EXPERIENCE.



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Application Instructions: Treatment Plant Operator Examination cont.

Page 4 **Demonstrate Educational Training Beyond High School in a Field Applicable to Water Treatment:** This page of the application is only to be completed by the applicant if the applicant has completed educational training beyond high school, in a field applicable to water treatment and where the applicant requests this training be used as a substitution for part of the experience requirement and where the applicant is applying for a Water Treatment Plant Class II, III or IV Examination. A minimum of 1 year of treatment plant operational experience is required.

EXAMINATION FEES: An application fee of two hundred and twenty four dollars (**\$224**), made payable to the “**TREASURER, STATE OF CONNECTICUT**” is required to be submitted with the application. ***The application fee cannot be refunded even if the applicant is found ineligible.*** Only checks (personal, certified check or money order) made out to the “**TREASURER, STATE OF CONNECTICUT**” in United States dollars will be accepted.

**William Sullivan
Sanitary Engineer 3, CT DPH 410 Capitol
Ave., MS#12DWS P.O. Box 340308
Hartford, CT 06134-0308**

All applicants will be notified in writing (by email) as to whether or not they will be allowed to sit for the examination. If confirmed, applicants will receive an additional email from the test center administrator, PSI, to schedule your computer-based examination. Confirmed applicants will be required to pay a \$102.00 examination fee to PSI. Mastery report results will be available to you upon completion of the examination and also provided to the CT DPH, Operator Certification Program.



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Regulation Summary: Education and Experience Requirements for Water Treatment Plant, Distribution System and Small Water System Operator Certification Examinations

Reference: Section 25-32-7a to 25-32-14 of the Regulations of Connecticut State Agencies (RCSA)

To become certified as a water operator (see Certified Operator Types and Levels below), individuals must pass an examination administered by the Connecticut Department of Public Health (DPH). In order to qualify for an examination an individual must meet the minimum education and experience requirements as specified below (see the referenced RCSA cited above).

1. Education Requirement:

For all operator certification types and class levels the examination applicant must have a high school diploma or high school equivalency diploma.

Education Substitution: For Small Water System examination applicants 6 months of experience in operation of a small water system, treatment plant or distribution system may be substituted for the education requirement. This cannot be the same 6 months used to satisfy the experience requirement.

2. Minimum Operational Experience Requirements:

To be certified as a Water Treatment Plant, Distribution System or Small Water System Operator individuals must meet the minimum experience requirement described below.

Certified Operator Types and Levels

Small Water System Operator

Required Experience: 6 months of experience in operation of a small water system, distribution system or treatment plant

Experience Substitution: 20 hours of training that is deemed acceptable to the DPH

Distribution System Class I Operator

Required Experience: 1 year of experience in operation of distribution system(s)

Experience Substitution: none

Distribution System Class II Operator

Required Experience: 2 years of experience in operation of distribution system(s)

Experience Substitution: up to 1 year of educational training beyond high school in a field applicable to distribution systems may be substituted for an equal amount of required experience, however, 1 year of experience is required

Distribution System Class III Operator

Required Experience: 4 years of experience in operation of distribution system(s)

Experience Substitution: up to 3 years of educational training beyond high school in a field applicable to distribution systems may be substituted for an equal amount of required experience, however, 1 year of experience is required

Water Treatment Plant Class I Operator

Required Experience: 1 year of experience in operation of Class I or higher Treatment Plant(s)

Experience Substitution: none

Water Treatment Plant Class II Operator

Required Experience: a total of 2 years of experience in operation of Class II or higher Treatment Plant(s) and/or in “direct responsible charge” of Class I Treatment Plant(s)

*Experience Substitution **: up to 1 year of educational training beyond high school in a field applicable to water treatment may be substituted for an equal amount of required experience, however, 1 year of experience is required*



Regulation Summary: Cont.

Water Treatment Plant Class III Operator

Required Experience: a total of 3 years of experience in operation of Class III or higher Treatment Plant(s) and/or in “direct responsible charge” of Class II Treatment Plant(s)

*Experience Substitution ** : up to 2 years of educational training beyond high school in a field applicable to water treatment may be substituted for an equal amount of required experience, however, 1 year of experience is required*

Water Treatment Plant Class IV Operator

Required Experience: a total of 4 years of experience in operation of Class IV Treatment Plant(s) and/or in “direct responsible charge” of Class III Treatment Plant(s)

*Experience Substitution ** : up to 3 years of educational training beyond high school in a field applicable to water treatment may be substituted for an equal amount of required experience, however, 1 year of experience is required*

** =Wastewater experience may be accepted as “education in a field of study applicable to water treatment ” and substituted for experience as allowed by the regulations. The following conditions apply: 1) The applicant must be certified as a wastewater treatment operator, 2) 50% of the time of wastewater experience may be accepted as education; and 3) A minimum of one year of water treatment experience is still required to qualify for the examination.

To become certified as a Operator-in-Training (OIT), for each of the Certified OIT Types and Levels listed below, individuals must pass an examination administered by the CT DPH. In order to take an examination an individual must meet the minimum education requirements as specified below (see the referenced RCSA cited above).

1. Educational Requirements:

In order to qualify for an examination for each of the operator OIT certification types and class levels listed below, the applicant must have a high school diploma or high school equivalency diploma. Applicants must also have a “certificate of achievement in water management” from a Connecticut Community College or must have course equivalent, as determined by the department.

Certified OIT Types and Levels

- Distribution System OIT Class I**
- Distribution System OIT Class II**
- Distribution System OIT Class III**

- Water Treatment Plant OIT Class I**
- Water Treatment Plant OIT Class II**
- Water Treatment Plant OIT Class III**
- Water Treatment Plant OIT Class IV**