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WEST VIRGINIA ADMINISTRATIVE REGULATIONS  
State Department of Health

Chapter 16-1  
Series II  
(1969)

Subject: The Examination and Certification of Waste Water Treatment  
Plant Operators.

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1. This regulation is filed in the odd size file as item  
number 7.
2. This regulation is certified authentic by certification  
number 17.

FILED IN THE OFFICE  
JOHN D. ROCKEFELLER, IV  
SECRETARY OF STATE  
THIS DATE 10/30/69

1957-1958



FILING OF ADMINISTRATIVE REGULATIONS

References are to sections in West Virginia Administrative Regulations 16-1, Series VIII.

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- Section 1 Definitions
- Section 2 Submission of Plans and Specifications - Construction  
Permits
- Section 3 Application for a Permit to Operate
- Section 4 Permit to Operate
- Section 5 Inspection
- Section 6 Bacteriological Quality Requirements
- Section 7 Chemical, Physical and Radiological Quality Requirements
- Section 8 Control Test and Operation Records
- Section 9 Registration And Certification of Water Plant Operators
- Section 10 Bathing in Water Reservoirs
- Section 11 Cross Connections and Industrial Water Supplies
- Section 12 Disinfection of Water Mains
- Section 13 Bottled Water Plants
- Section 14 Design, Construction, Installation, and Operation Of  
Public Water Supplies
- Section 15 Repeal of Former Regulations
- Section 16 Severability
- Section 17 Penalties

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10/30/69



N. H. DYER, M.D., M.P.H.  
STATE DIRECTOR OF HEALTH



State of West Virginia  
DEPARTMENT OF HEALTH  
CHARLESTON 25305

October 30, 1969


Honorable John D. Rockefeller, IV  
Secretary of State  
State Capitol  
Charleston, West Virginia 25305

Dear Mr. Secretary:

Enclosed are two copies of Regulations Governing the Examination and Certification of Waste Water Treatment Plant Operators. These regulations are designated Series II, Section 5 of Chapter 16-1 of the West Virginia Administrative Regulations. These regulations cancel and supersede those sent to your office on June 15, 1966.

I hereby certify that the attached regulations are true and accurate copies of official regulations adopted by this Department on July 16, 1969.

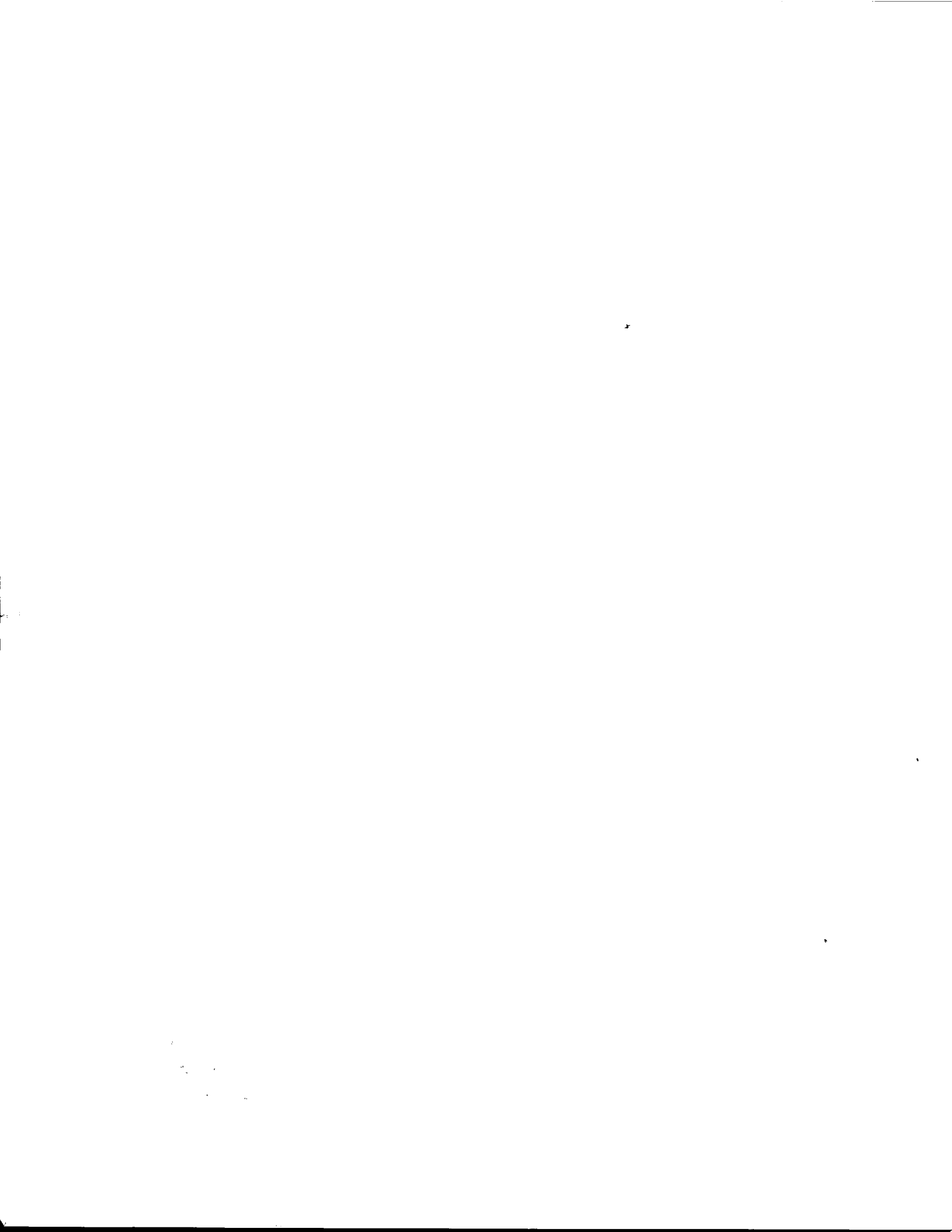
Very truly yours,

  
N. H. Dyer, M. D., M. P. H.  
State Director of Health

NHD:jc

Enclosure

FILED IN THE OFFICE  
JOHN D. ROCKEFELLER, IV  
SECRETARY OF STATE  
THIS DATE 10/30/69



**Regulations Governing  
The Examination and Certification of  
Waste Water Treatment Plant Operators**



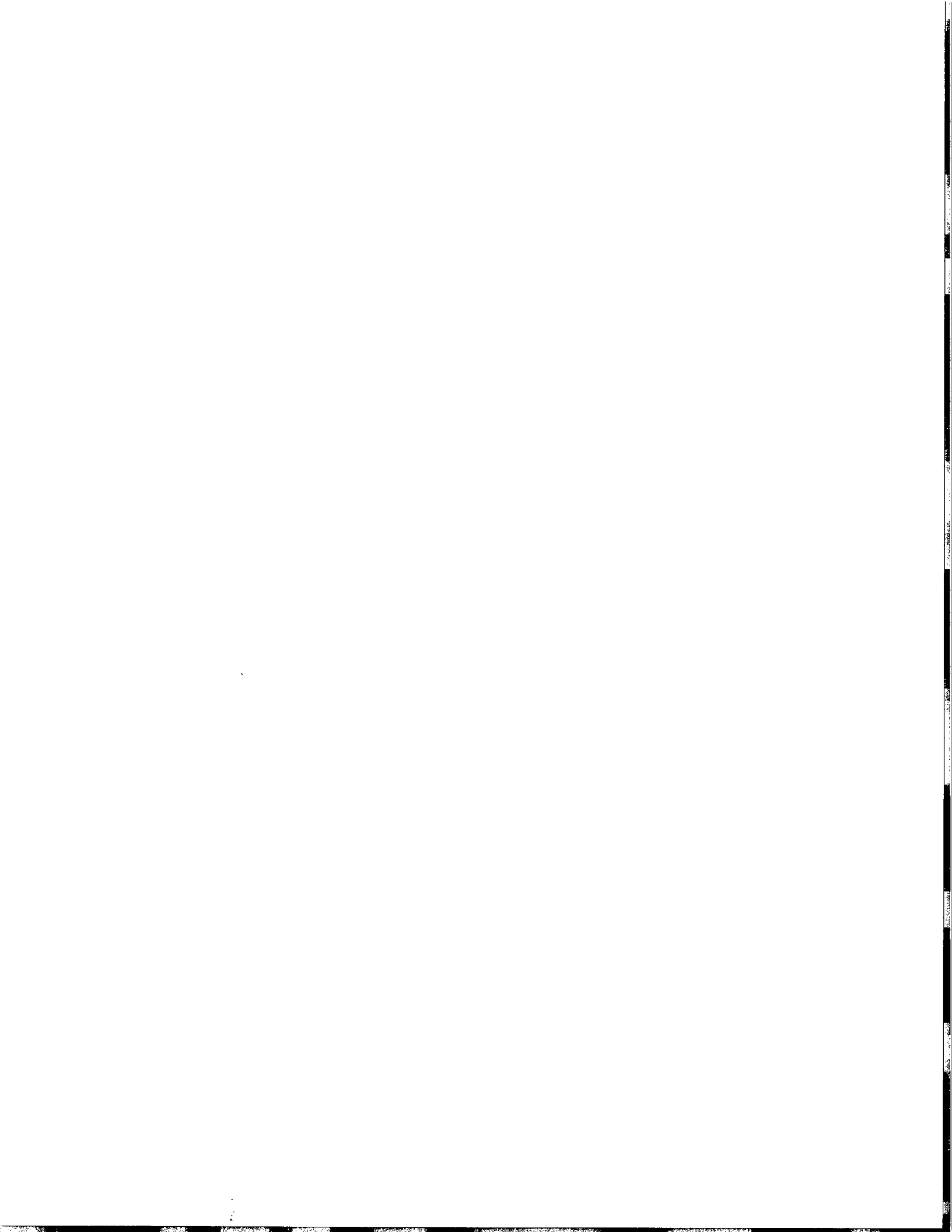
FILED IN THE OFFICE  
JOHN D. ROCKEFELLER, IV  
SECRETARY OF STATE

THIS DATE 10/30/69

*O bs./et u*  
**Adopted by the  
West Virginia**

**State Board of Health**

EFFECTIVE DECEMBER 1, 1969



5.2 Requirements for Certified Operators -

Section 5. Regulations Governing Examination and Certification of  
Waste Water Treatment Plant Operators

5.1 Definitions:

- 5.1.1 **CERTIFIED OPERATOR** means any holder of a certificate issued by the State Department of Health, Division of Sanitary Engineering, in accordance with Sections 5.1 through 5.15, inclusive, of this Regulation.
- 5.1.2 **OPERATOR IN TRAINING** - An operator who has passed the written examination and is in the process of meeting the experience requirement for certification.
- 5.1.3 **EQUIVALENT POPULATION SERVED** shall be the calculated population being served by a waste water treatment works based on the amount and strength of the waste water being received at the waste water treatment works. Population equivalents are computed to be 0.167 pounds of five day biochemical oxygen demand or 0.20 pounds of suspended solids per person per day, with the larger figure governing.
- 5.1.4 **POLITICAL SUBDIVISIONS** means any city, town, village, county, sanitary or public service district, or other special district or governmental unit operating a waste water treatment works.
- 5.1.5 **RESPONSIBLE CHARGE** means responsible for the technical operation of a waste water treatment works, or any part thereof which may affect the quality of the effluent produced by such works.
- 5.1.6 **WASTE WATER** means any water-borne sewage which may or may not cause pollution as defined in the West Virginia Code.
- 5.1.7 **WASTE WATER TREATMENT WORKS** means any facilities for pumping, treating, and discharging waste water.

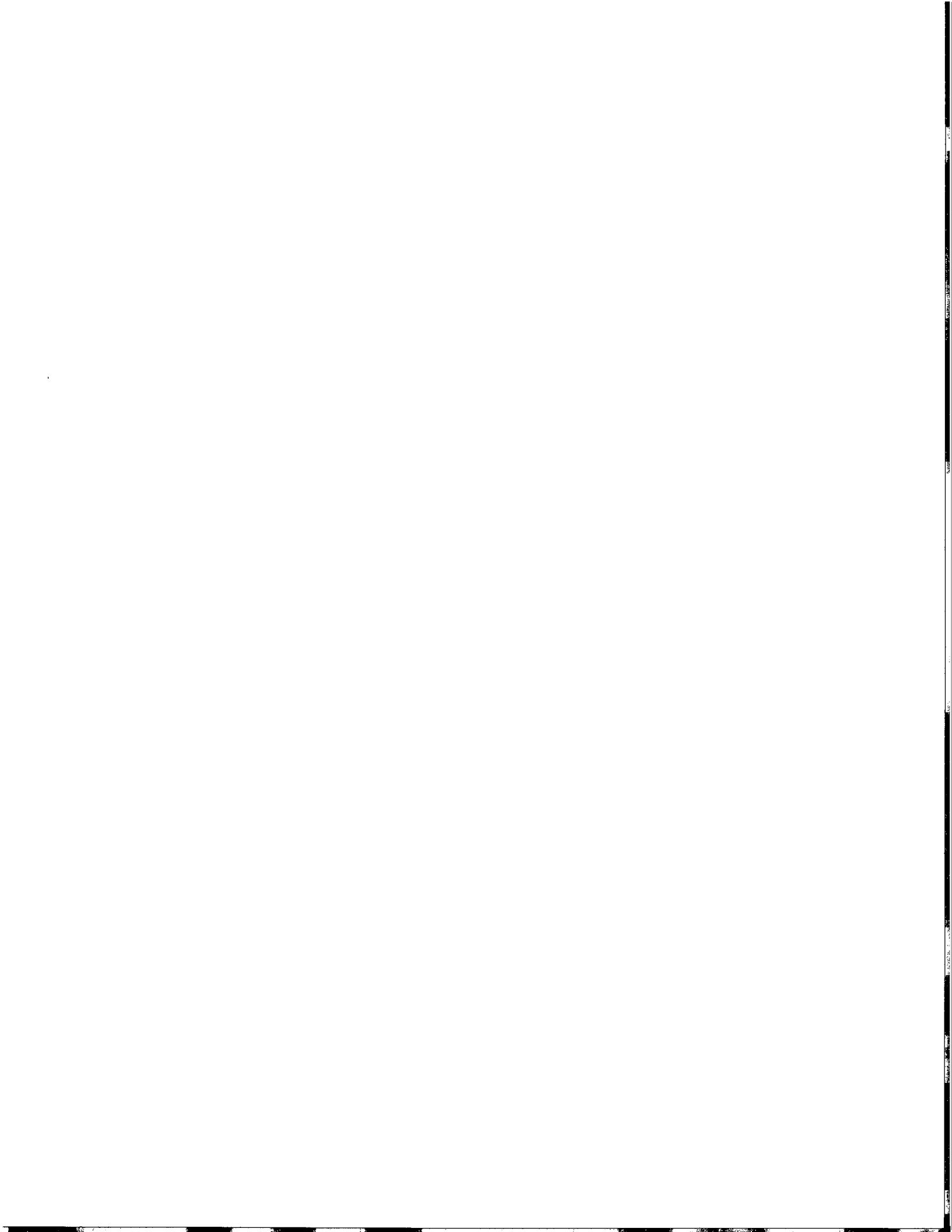
5.2.1 Each person, firm, corporation, association, partnership, political subdivision, public institution or place operating a waste water treatment works serving a population of over 500 or having a population equivalent of over 500 shall place the responsibility for technical operation of such works under the responsible charge of a certified operator having a certificate of the class at least equal to that required by the works classification. Waste water treatment works serving populations of 500 or less may be required by the State Department of Health, Division of Sanitary Engineering, to provide supervision of a certified operator.

5.2.2 The certified operator required by Division 5.2.1 of this Section shall be a full-time employee of the person, firm, corporation, association, partnership, political subdivision, public institution, or place, provided, when substantial evidence is presented to the State Department of Health, Division of Sanitary Engineering, that the operator of a full-time certified operator cannot be obtained, the Director may authorize, for a designated period of time, a waste water treatment works to be under the responsible charge of a certified operator in the proper class on a part-time basis upon submission and approval by the State Department of Health, Division of Sanitary Engineering, of a plan showing the time, methods, and procedures to be followed.

5.2.3 From and after one year after the effective date of this Regulation, any person, firm, corporation, association, partnership, political subdivision, public institution or place, falling under the jurisdiction, restrictions, and definition of said Regulation, and not complying thereto, shall be considered in violation thereof and shall be subject to prosecution under the West Virginia Code.

5.3 Classification of Waste Water Treatment Works -

5.3.1 Each waste water treatment works, for the purpose of this Regulation, shall be classified by the State Department of Health, Division of Sanitary Engineering, as Class I, II, III, or IV, works based on complexity of treatment, equivalent population served, downstream water course conditions, and potential health hazards in accordance with the following classification and rating values:



5.6 Application for Examination and Certification - Shall be made in writing to the State Department of Health, Division of Sanitary Engineering, at least thirty days prior to the date on which the examination will be given, on a form prescribed and furnished by the State Department of Health, Division of Sanitary Engineering. No applicant shall be examined for certification who submits false and incorrect information in his application for certification.

5.7 Prerequisites for Examination - The prerequisites for examination, and issuance of a certificate as a waste water treatment works operator are as follows:

5.7.1 Satisfactory physical and mental health

5.7.2 Satisfactory character and morals

5.8 Qualifications for Examination -

5.8.1 Class I - Possession of a Class II certificate and demonstrated ability for at least two years in responsible charge of a Class II or Class I waste water treatment works.

5.8.2 Class II - High school education or equivalent and at least five years experience or equivalent in waste water treatment works.

5.8.3 Class III - Grammar school education or equivalent and at least a minimum of three years experience in waste water treatment works.

5.8.4 Class IV - Grammar school education or equivalent and at least a minimum of one year of experience in the operation of a waste water treatment works.

5.9 Substitution - The State Department of Health, Division of Sanitary Engineering, may allow education or training on a year for year basis to be substituted for experience and experience to be substituted for education in qualifying for Class II and Class III examination under Section 5.8 of this Regulation.

5.10 Rules of the Examination -

5.10.1 Any applicant who does not meet the prerequisites for an examination in a classification for which he requested certification may be permitted to take an examination in another classification for which he meets the prerequisites.

5.10.2 A grade of not less than 70% shall be considered passing.

5.10.3 Any applicant who has failed an examination may be permitted to repeat such examination when scheduled at any later time upon showing that he has obtained additional experience and training or has undertaken individual study of a nature which would reasonably indicate his ability to pass the later examination.

5.11 Operator in Training -

5.11.1 The State Department of Health, Division of Sanitary Engineering, may permit an applicant for Class II, III, or IV certification as a waste water treatment works operator to take an examination in a given class, if the individual has submitted evidence of education or experience in technical fields other than waste water treatment works, for the purpose of becoming an operator in training.

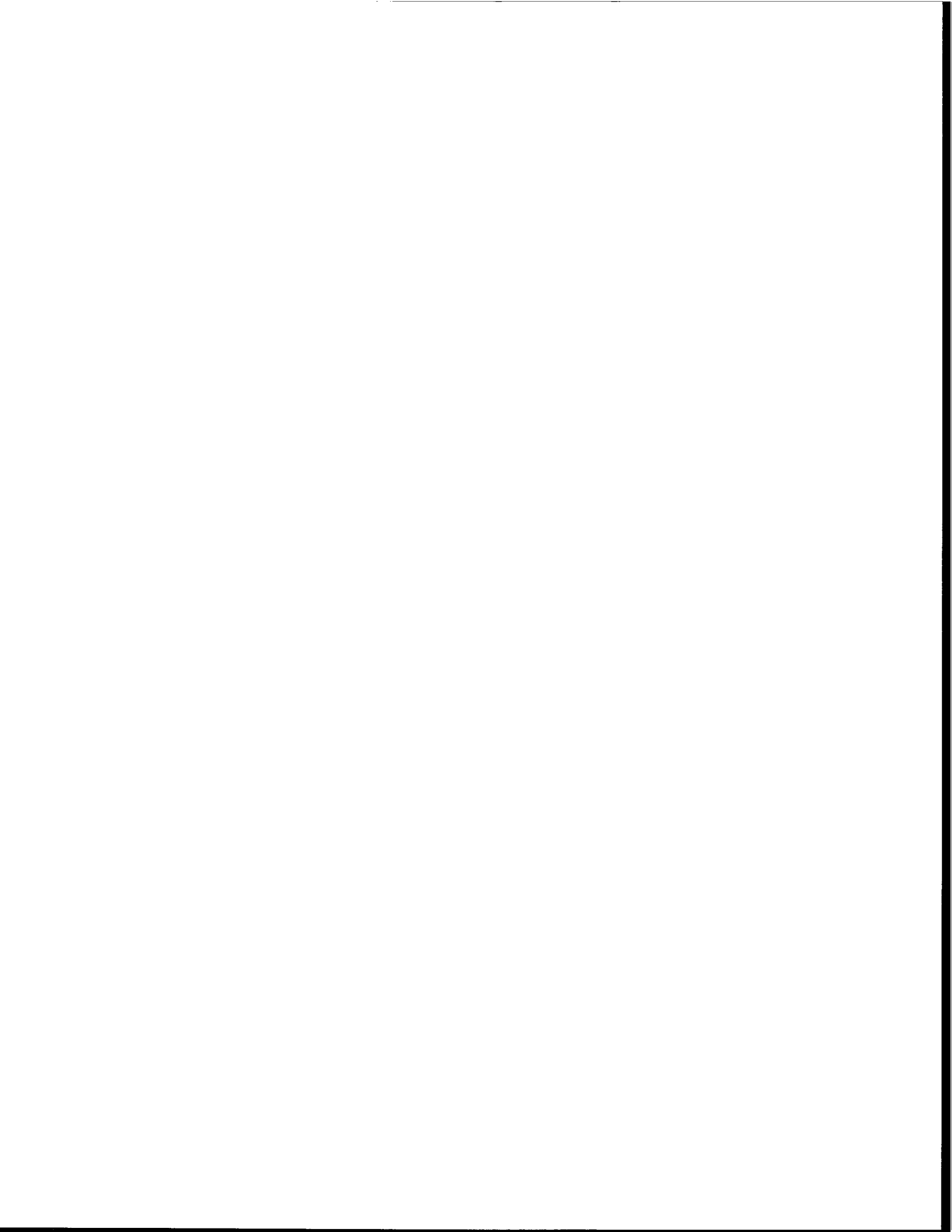
5.11.2 Prerequisites for examination and designation as an operator in training are the same as the prerequisites in Section 5.7 except that the experience time in waste water treatment works may be waived.

5.11.3 Upon successfully passing an examination, the individual will be designated as an operator in training indicating that he has technical knowledge in the particular class for which he was examined and that he will be issued a certificate upon submission of evidence that he has completed experience requirements.

5.11.4 The designation operator in training and the certificate issued therefor will be valid for a maximum of five years.

5.12 Examinations - Operator and Operator in Training - Written examinations for waste water treatment plant operators certification will be held in the office of the State Department of Health, Division of Sanitary Engineering, or, upon request, at any of the district or county health departments for those persons desiring to take the examination for certification.

5.13 Revocation of Certificates - The State Department of Health, Division of Sanitary Engineering, may revoke the certificates of any person who practices fraud or deceit in obtaining a certificate or for neglect, incompetency, or misconduct in the performance of the duties of an operator of a waste water treatment works or parts thereof, including compliance with Chapter 1, Article 11, of the Sanitary Regulations which relates to waste water treatment plant control tests and records. The State Department of Health, Division of Sanitary Engineering, after a period of twelve months, may reinstate any person whose certificate has been revoked upon presentation



of evidence, satisfactory to the Division, which warrants such re-  
instatement.

5.14 Reciprocity -

5.14.1 The State Department of Health, Division of Sanitary Engineering, may consider for recommendation for certification the holder of a certificate issued by a governmental agency of another state, upon presentation to satisfactory evidence of the following:

5.14.1.1 The applicant has been offered and has accepted employment in West Virginia which requires a certified operator.

5.14.1.2 The applicant has successfully passed an examination at least equivalent to that given under this Regulation.

5.14.2 The State Department of Health, Division of Sanitary Engineering, may, on the basis of evidence presented, issue a certificate of an equal or lower class to the applicant.

5.15 Independent Regulations - Each Section of this Regulation and every part of each Section is an independent Section and a part of a Section, and the holding of any Section or part thereof to be unconstitutional, void, or ineffective for any cause does not affect the validity or constitutionality of any other Section or part thereof.

