1	CHAPTER 20.
2	WASTE MANAGEMENT FACILITY OPERATORS REGULATIONS.
3	
4	PART I.
5	GENERAL.
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8	18 VAC 155-20-10. Definitions.
9	
10	The following words and terms, when used in this chapter, shall have the following meanings
11	unless the context clearly indicates otherwise:
12	
13	<*> "Board" means the Board for Waste Management Facility Operators.
14	
15	"Board approved CPE sponsor" means a person approved by the board to offer continuing
16	education in accordance with this chapter.
17	
18	"Board approved training course" means a course which has been approved by the board to
19	provide appropriate training to an applicant in accordance with this chapter.
20	
21	"Class I <u>certification license</u> " means the authorization from the board to act as a waste
22	management facility operator of a transfer station, a material recovery facility receiving mixed waste, ar
23	experimental facility, or a composting facility receiving yard waste.
24	
25	"Class II <u>certification license</u> " means the authorization from the board to act as a waste
26	management facility operator of a facility which composts municipal solid waste, a sanitary, industrial,
27	construction or debris landfill.
28	"Class III and Continue I among the archaelance for the land to a decrease and
29	"Class III <u>certification license</u> " means the authorization from the board to act as a waste
30 31	management facility operator of an infectious waste incinerator or autoclave.
32	"Class IV certification license" means the authorization from the board to act as a waste
33	management facility operator of a municipal waste combustor.
34	management racinty operator of a municipal waste combustor.
35	"Class V certification" means the authorization from the board to act as a waste management
36	facility operator for any of the facilities defined in Class I, II, III or IV certification.
37	ruently operator for any of the facilities defined in Class 1, 11, 111 of 17 certification.
38	"Closed facility" means a solid waste management facility which has been properly secured in
39	accordance with an approved facility closure plan.
40	decordance with an approved facility closure plant.
41	"Closure" means an act of securing a solid waste management facility pursuant to the
42	requirements established by the Virginia Department of Environmental Quality or appropriate regulator
43	authority.
44	
45	"Continuing Professional Education (CPE)" means an integral part of lifelong learning require
46	to provide competent service to the public; the formal set of activities that enables certified solid waste
47	management facility operators to maintain and increase their professional competence.
48	δ
49	"CPE credit hour" means 50 minutes of participation as a student or as an instructor in a CPE
50	program.
51	• <del>•</del>
52	"Department" means the Department of Professional and Occupational Regulation.
53	

4	"Experience for Class I, II, III or IV certification <u>license</u> " means, but shall not be limited to, the following activities: supervision, research, construction, project development, site development,
	compliance and enforcement of a permit or regulations, operation, or regulatory review of permit
	pplications.
•	pphounons
	"Experience for interim certification" means skill or knowledge obtained by employment which
	ncludes responsible, technical, or operational direction of a solid waste management facility or a portion
	hereof.
	"Full-time employment" means 1,760 hours per year or 220 work days per year.
	"In charge" means the designation of any person by the owner to have duty and authority to
	perate or modify the operation of a waste management facility.
	"Interim certification" means the method of regulation for a temporary time period whereby the
	Commonwealth, through the issuance of interim certification, authorizes a person possessing the
	ninimum skills to engage in the practice of a profession or occupation which is unlawful to practice
	vithout certification.
	"Full certification" "License" means an authorization issued by the board to a waste management
f	acility operator after the completion of training and examination, through reciprocity or experience.
	"Municipal waste combustor" means a mass burn or a refuse derived fuel incinerator or facility
1	lesigned or modified for the purpose of noninfectious solid waste combustion.
	"Operation" means any waste management facility which is under construction, treating,
p	processing, storing or disposing of solid waste, or in the act of securing a facility for closure.
	"Orange" many the name of who expenses a called weets many compart facility on next of a called weets
	"Owner" means the person who owns a solid waste management facility or part of a solid waste
II	nanagement facility.
_	*> "Person" means an individual, corporation, partnership, association, governmental body,
	nunicipal corporation or any other legal entity.
L	numerpar corporation of any other legal chary.
	"Site" means within the vicinity of all land and structures, other appurtenances, and
	mprovements thereon used for treating, storing, and disposing of solid waste. This term includes
	djacent land within the property boundary used for the utility systems such as repair, storage, shipping or
	processing areas, or other areas incident to the management of solid waste.
Ρ	rocessing areas, or other areas incident to the management of solid waste.
	"Solid waste" means any of those materials defined as nonhazardous solid waste in regulations
r	promulgated by the Virginia Department of Environmental Quality.
۲.	Tomargated by the Virginia Department of Environmental Quanty.
	"Storage" means housing a solid waste as consistent with the regulations of the Virginia Waste
	Management Board.
	"Substantial change" means a deviation from a specific course that decreases the approved time
ĺ	of the course by more than thirty minutes or modifies the topics of the approved course, where they are
Е	below the target levels of knowledge, as stated in the course application.
	gg., and an analysis and approximation.
_	*> "Waste management facility" means a site used for planned treatment, storage, or disposal of

"Waste management facility operator" means any person, including an owner, who is in charge

of the actual, on-site operation of a waste management facility during any period of operation.

nonhazardous solid waste.

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FOOTNOTE \* As defined by Chapter 22.1 (§ 54.1-2209 et seq.) of Title 54.1 of the Code of Virginia.

18 VAC 155-20-20. Certification License required.

For the purposes of this chapter, the individual acting as a waste management facility operator is an individual employed or contracted by the facility owner whose responsibilities include supervision of on-site activities, who, on and after January 1, 1993, has been licensed by the Board for Waste Management Facility Operators or is under the direct supervision of a waste management facility operator licensed by the Board for Waste Management Facility Operators. that normally require an individual to be at the waste management facility on each day of operation This is not intended to include individuals whose duties do not include the actual operation or direct supervision of a waste management facility.

18 VAC 155-20-30. Disclosure.

A. Any individual seeking <u>certification licensure</u> shall disclose any other operator or related <u>certification license</u> issued by any other state(s) on the provided application.

B. Any individual seeking <u>eertification licensure</u> shall disclose on the application any felony convictions or final order actions issued by an administrative body or court regarding environmental violations or crimes resulting in the significant harm or the imminent and substantial threat of significant harm to human health or the environment.

C. Any certified operator <u>Each licensee</u> shall notify the board in writing within 30 days of any felony convictions or final order actions issued by an administrative body or court regarding environmental violations or crimes resulting in the significant harm or the imminent and substantial threat of significant harm to human health or the environment.

18 VAC 155-20-40. Fees.

A. All fees are nonrefundable and shall not be prorated.

B. An application shall not be deemed complete and shall not be processed without the required fee.

1. The application fee for <u>full certification licensure</u> shall be \$200.

2. The fee for renewal of <u>full certification licensure</u> shall be \$150.

3. The fee for late renewal of <u>full certification licensure</u> shall be \$175 as stated in 18 VAC 155-20-180.

4. The fee for reinstatement of <u>full certification licensure</u> shall be \$250 as <u>stated in 18 VAC 155-20-190</u>.

5. The fee for taking the examination or reexamination for <u>certification licensure</u> shall be \$200. This examination fee is subject to fees charged to the department by an outside vendor competitively negotiated and contracted for in compliance with the Virginia Public Procurement Act (§ 11-35 et seq. of the Code of Virginia). Fees may be adjusted and charged to the candidate in accordance with this contract.

6. The application fee for training course approval shall be \$150.

	7. The application fee for CPE sponsor approval shall be \$100.
	8. The fee for interim certification shall be \$85.
	8. The ree for interim certification shall be \$85.
	9. The fee for renewal of interim certification shall be \$85.
the bank	7.40. The fee for paying any of the above fees with a check or other instrument not honored by or other financial institution upon which it is drawn shall be \$25.
	C. All checks shall be made payable to the Treasurer of Virginia.
	$D. \ Receipt \ and \ deposit \ of \ fees \ submitted \ with \ applications \ do \ not \ indicate \ \underline{eertification\_licensure}.$
18 VAC	2 155-20-50. Change of status.
address	A. The certified individual Each licensee shall provide written notification of any change of to the department within 30 days.
change (	B. The certified individual Each licensee shall provide written notification and proof of any of name within 30 days.
	C. The <u>certification license</u> issued by the board shall not be transferred or otherwise reassigned.
	PART II.  INTERIM CERTIFICATION.
<del>18 VAC</del>	2 155 20 60. Entry.
	A. All individuals acting as a waste management facility operator in the Commonwealth after 1, 1993, shall hold a valid interim certification or full certification specific to the class of their
Regulation renew the second se	B. Interim certificates issued under the emergency Waste Management Facility Operator ions will remain valid through December 31, 1993. Individuals holding interim certificates may be certificate until December 31, 1994, or apply for full certification, meeting the standards need by 18 VAC 155-20-100 of this chapter.
	C. Operators securing a facility for closure may renew their interim certification until December
	<ol> <li>Operators securing a facility for closure after December 31, 1994, shall hold full certification in opriate classification.</li> </ol>
	D. Closed facilities are not required to have a certified waste management facility operator.
	E. The holder of the certification is not automatically entitled to any subsequent certification
upon the	expiration of the certificate, but shall meet the standards established by the board to renew the
ovnino	F. The board may extend any or all interim certifications expiring on December 31, 1994, to n any date after December 31, 1994, and before July 1, 1995.
елрие 0	ir any date after December 31, 1994, and before stry 1, 1993.

18 VAC 155-20-70. Qualifications for interim certification	<del>n.</del>
The board shall issue interim certification only at	fter an individual has met, through a completed
application and addendum, all education and experience re	
1. All individuals seeking interim certification sh	all be at least 18 years of age.
2. All individuals seeking interim certification sh	nall meet one of the following requirements:
a. Three years of full time employment v	which includes supervisory or operational
experience managing a waste management facility since Ja	
b. Two years of full time employment wl	hich includes supervisory or operational
experience managing a waste management facility since Ja	anuary 1989 and a high school diploma or GED
c. One year of full time employment whi	* * *
experience managing a waste management facility since Ja	
least 60 completed semester hours or equivalent from an a	accredited institution of higher learning.
d. Six months of full time employment v	which includes supervisory or operational
experience managing a waste management facility since Ja	anuary 1989 and a Bachelor's Degree.
3. For the purposes of this chapter, a year of full-	time employment is defined as 1.760 hours per
year or 220 work days per year.	
4. For the purposes of this chapter, experience re	equirements claimed on the application for
interim certification shall be verified by the individual's su	upervisor(s) or personnel officer on the form
provided. Individuals who are under contract with a facili-	ty owner may obtain a letter from the facility
owner to verify experience.	
5. For the purposes of this chapter, education req	nuirements claimed on the application for interim
certification shall be verified by the attendee's educational	•
provided form or in the form of an official transcript. Dip	
degree or graduation.	· · · · · · · · · · · · · · · · · · ·
18 VAC 155 20 80. Application procedures for interim ce	extification.
A. Applicants for interim certification shall comp	plate a general application form and all
applicable addendum forms. The applications for interim	
upon request. Addendum forms shall include but not be li	
1 37 '6" .' 6 1	
1. Verification of experience form; and	
2. Verification of degree or graduation form.	
B. Failure to provide a complete application and a	
approval. The failure to provide complete information ma	
result in disciplinary action as defined in Part VIII of this	<del>cnapter.</del>
<del>PART III.</del>	
<del>PART III.</del> <del>RENEWAL OF INTERIM (</del>	
RENEWAL OF INTERIN	CENTIFICATION.

	18 VAC 155-20-90. Procedures for renewal.
	A. Operators may renew their interim certification until December 31, 1994, or may apply for
	full certification if all requirements under 18 VAC 155 20 100 of this chapter can be met before the
	interim certificate's expiration.
	B. Interim certified operators shall be notified by the department by mail of the renewal fee and
2	procedures for certificate renewal.
	C. Each operator desiring to renew his interim certification shall submit the renewal notice and
į	the appropriate fee before the certification expires. A copy of the certificate may be submitted in lieu of
1	the renewal notice.
	D. The renewed interim certificate shall expire on December 31, 1994, unless a later date is
4	specifically established by the board under the provisions of 18 VAC 155 20 60 F of this chapter. Any
	individual granted an interim certification who desires to act as a waste management facility operator after
}	December 31, 1994, or after any later date which may be specifically granted by the board under the
	provisions of 18 VAC 155-20-60 of this chapter, shall apply for full certification in the appropriate
•	classification as defined in 18 VAC 155-20-100 of this chapter.
	E. Failure to receive written notice from the Department of Professional and Occupational
]	Regulation does not relieve the regulant from the requirement to renew his certificate or apply for full
	<del>certification.</del>
	PART <del>IV.</del> II.
	FULL CERTIFICATION LICENSURE.
	18 VAC 155-20-100. Full certification Licensure required.
	18 VAC 133-20-100. Full certification <u>Licensure</u> required.
	Full certification Licensure is required for all individuals acting as waste management facility
	operators after December 31, 1994, unless an extension of the interim certification expiration date is
	granted by the board June 30, 1995.
	18 VAC 155-20-110. <u>License classification</u> . Classification for full certification.
	A. The applicant shall apply for at least one alreading time of continuous licenses and the d
T	A. The applicant shall apply for <u>at least</u> one classification of <u>certification license</u> as outlined
	below:
	1. An individual operating a facility which is defined by the Department of Environmental
(	Quality as a transfer station, a material recovery facility receiving mixed waste, an experimental facility,
	or a composting facility receiving yard waste shall hold <u>a</u> Class I <del>certification</del> license. An individual who
	has obtained Class II, III or IV <del>certification</del> <u>licensure</u> may also operate a facility listed under Class I, if the
	individual has completed the board approved basic training course.
	marriada nas completed the board approved basic danning course.
	2. An individual operating a facility which composts municipal solid waste, or is defined by the
	Department of Environmental Quality as a sanitary, industrial, construction or debris landfill shall hold a
	Class II or Class V certification license.
	3. An individual operating a facility defined by the Department of Environmental Quality as an
	infectious waste incinerator or an autoclave shall hold a Class III or Class V certification license.

1 2	4. An individual operating a facility defined by the Department of Environmental Quality as a municipal waste combustor shall hold <u>a</u> Class IV <del>or Class V certification</del> <u>license</u> .
3 4	5. An individual operating any of the facilities outlined in this section may hold Class V
5	certification.
6 7	B. No certified operator A licensee may not operate a facility outside of his classification other than that defined by subdivision A 1 of this section outside of his classification.
8	than that defined by subdivision A 1 of this section <del>outside of his classification</del> .
9	18 VAC 155-20-120. Qualifications for certification licensure.
10	18 VAC 133-20-120. Qualifications for <del>certification</del> <u>ficensure</u> .
11	A. The board shall issue eertification a license only after an individual has met, through a
12	completed application and addendum, all training, testing, and experience requirements for a at least one
13	specific class as set forth in this chapter.
14	specific class as set forth in this chapter.
15	B. The operator applicant shall meet the following requirements for certification licensure for all
16	classes of certifications licenses:
17	classes of certifications <u>necesses</u> .
18	1. The applicant shall be at least 18 years of age.
19	1. The applicant shall be at least 10 years of age.
20	2. The applicant shall provide proof of graduation from high school, or college graduation, or
21	have successfully completed and received of having a GED General Equivalency Diploma (GED).
22	<u></u>
23	3. If the An applicant who cannot fulfill the requirement outlined in subdivision B 2 of this
24	section <del>, the applicant</del> shall document at least five years of verified experience with a waste management
25	facility, with at least three years of experience since January 1, 1988, which includes at least one of the
26	following activities:
27	
28	a. Supervision;
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30	b. Research;
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32	c. Construction;
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34	d. Project development;
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36	e. Site development;
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38	f. Compliance and enforcement of a permit or regulations;
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40	g. Operation; or
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42	h. Review of materials for permitting purposes.
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44	4. All applicants shall successfully complete the basic training course as defined in 18 VAC 155-
45	20-220B of this chapter.
46	E An amiliant many and amiliant many and the state of the
47	5. An applicant may use employment responsibilities in lieu of facility specific training as
48	defined in subsections D through $G$ $\underline{F}$ of this section, provided that:
49 50	a. The applicant has been a full time employee for seven years, with at least three years
51	class specific employment since January 1, 1998. The applicant has been a full-time employee at a waste
<i>J</i> 1	ones specific employment since sundary 1, 1776. The applicant has been a full-time employee at a waste

facility specific to the desired classification for at least three of the past seven years.

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1 2	b. The employment responsibilities include those activities enumerated in subdivision $3$ of this subsection.
3 4	e. The three years employment responsibilities are specific to the desired classification.
5 6 7	For the purposes of this subsection, full time employment is defined as 1,760 hours per year or 220 work days per year.
8 9 10 11	6. The board will accept facility specific training provided that: (i) the training has been approved by the board pursuant to 18 VAC 155-20-230; and (ii) the training was successfully completed after January 1, 1989.
12 13 14 15	7. Experience requirements claimed on the application for <u>certification licensure</u> shall be verified by the individual's supervisor(s) or personnel officer. Individuals who are under contract with a facility owner may obtain a letter from the facility owner to verify experience.
16 17 18 19 20	8. Education requirements claimed on the application for <u>certification licensure</u> shall be verified by the attendee's educational institution or authorizing jurisdiction on the provided form or in the form of an official transcript or letter. Diplomas will not be accepted for verification of degree or graduation.
21 22	9. The applicant holding a valid <u>certification license</u> from another state or jurisdiction may qualify by reciprocity under the provisions of 18 VAC 155-20-150 of this chapter.
23 24 25	C. The specific requirements for Class I <u>certification licensure follows</u> :
26 27	1. Complete a board approved basic training course, and
28 29	2. Pass the board approved examination for Class I.
30 31	D. The specific requirements for Class II eertification licensure follows:
32 33 34	1. Complete a board approved basic training course and an approved training course specific to Class II facilities, and
35 36	2. Pass the board approved examination for Class II.
37 38	E. The specific requirements for Class III <u>certification licensure</u> follows:
39 40 41	1. Complete a board approved basic training course and an approved training course specific to Class III facilities, and
12 13	2. Pass the board approved examination for Class III, or
14 15 16 17	3. Complete the training and examination requirement of a federal or state agency under the federal Clean Air Act, as amended, as of the date applicable to an interpretation of a regulation of adjudication of a case decision and complete the board approved basic training course within one year after eertification licensure.
19 50	F. The specific requirements for Class IV <u>certification licensure follows</u> :
51 52 53	1. Complete a board approved basic training course and an approved training course specific to Class IV facilities, and
54	2. Pass the board approved examination for Class IV. or

B. Reexamination.

- 1. An individual may retake the board-approved examination as many times as necessary to pass except those who have been waived from training requirements.
- 2. If the applicant has been waived from training under 18 VAC 155-20-120B 5 of this chapter and fails, the applicant may retake the examination once. After failing twice, the applicant shall complete the required training before retaking the examination.
- 3. Reexamination shall require the submission of the reexamination fee as defined in 18 VAC 155-20-40 B 5 of this chapter.

18 VAC 155-20-150. Reciprocity.

- A. Any individual holding a valid <u>certification license</u> under another state may apply for <u>certification licensure</u> based on reciprocity.
- B. The board will certify an individual who submits a completed application and the initial application fee and is in compliance with 18 VAC 155-20-280 of this chapter.
- C. All applicants <u>certified licensed</u> through reciprocity shall complete the basic training course within one year <u>of certification</u> <u>after licensure</u>.
- D. If the <u>certified operator licensee</u> fails to complete the basic course and properly notify the board within one year <u>of certification</u> <u>after licensure</u>, the board may begin disciplinary action to suspend or revoke the <u>certification</u> license.

## PART <del>V.</del><u>III.</u> RENEWAL OF <del>FULL CERTIFICATION</del> LICENSE.

18 VAC 155-20-160. Procedures for renewal.

A. Certificates Licenses issued under this chapter shall expire biennially on the last calendar day of the month. Certificate holders Licensees shall be notified by mail of the fee and the procedures for certificate license renewal. Each certificate holder licensee desiring to renew the certificate his license shall submit ensure that the department receives the renewal notice, verification of continuing education on the form provided by the department, and the appropriate fee before the certificate license expires.

- B. There shall be a penalty for late renewal assessed in addition to the renewal fee for any certificate holder failing to renew the certificate within 30 days following the date of expiration.
- B. For the purposes of the first renewal after [insert the effective date of this regulation], the expiration date of all licenses issued to a single individual shall be the expiration date on the license most recently issued to or renewed for that individual. Each license issued after [insert the effective date of this regulation] shall indicate the class or classes of licensure held by the licensee.
  - C. Licenses shall be renewed for a period of 24 months from the date of the expiring license.
- CD. Failure to receive written notice from the Department of Professional and Occupational Regulation department does not relieve the regulant from the requirement to renew his eertificate license. If the eertificate license holder fails to receive the renewal notice, a copy of the eertificate license may be submitted with verification of continuing education requirements and the appropriate fee.

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DE. The date the required fee is received by the Department of Professional and Occupational Regulation department, or its agent, will be used to determine whether a penalty fee or the requirement for reinstatement of a certificate license is applicable.

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EF. Revoked or suspended eertificates licenses are not renewable until reinstated by the board.

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18 VAC 155 20 170. Continuing education.

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All applicants for certification renewal shall complete at least 10 hours of continuing education in accordance with 18 VAC 155-20-240 during the term of their expiring certification, except that no continuing education shall be required for the first renewal after the issuance of the initial certification.

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18 VAC 155-20-180. Late renewal.

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If the renewal fee as provided for in 18 VAC 155-20-40 B 2 of this chapter is not received by the Department of Professional and Occupational Regulation department within 30 days after the expiration date noted on the certification license, the late renewal fee provided for in 18 VAC 155-20-40 B 3 shall be required.

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18 VAC 155-20-190. Reinstatements.

If the certificate holder licensee fails to renew the certificate his license within six months following the expiration date, the certificate holder licensee will shall be required to apply for reinstatement of the certificate license. The applicant will be required to present reasons that the certificate license was allowed to expire, and the board may grant reinstatement of the certificate license or require requalification or reexamination or both. The application fee for reinstatement of a certificate license shall be the amount provided for in 18 VAC 155-20-40 B 4 of this chapter. An individual who has not reinstated within two years of after expiration of the eertification license must reapply as a new applicant. The new applicant shall be exempted from the required training but provide evidence of satisfactory completion of the training course(s) required by these regulations and shall pass the examination as determined by the board.

18 VAC 155-20-200. Board discretion to deny renewal or reinstatement.

The board may deny renewal or reinstatement of a certificate license for the same reasons as it may refuse an initial eertification license or discipline a certificate holder licensee.

18 VAC 155-20-210. Status of eertification licensure during the period prior to reinstatement.

A. Reinstated certification licenses shall continue to have the same certification license number and shall be assigned an expiration date two years from the previous expiration date of the certification license.

B. Reinstated <u>certifications</u> <u>licenses</u> shall be regarded as having been continuously licensed without interruption. Therefore, the holder of the reinstated eertification license shall remain under the disciplinary authority of the board during this entire period and may be held accountable for his activities during this period.

C. Certifications Licenses which are not renewed or reinstated shall be regarded as expired from the date of the expiration forward.

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D. Nothing in this chapter shall divest the board of its authority to take disciplinary action for a violation of the law or regulations during the period of time for which an individual was eertified licensed.

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2	PART <del>VI.</del> IV.
3	TRAINING REQUIREMENTS FOR FULL CERTIFICATION.
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5 6 7	18 VAC 155-20-220. Training requirements course curriculum.
8	A. All individuals seeking to become a certified solid waste management facility operator shall
9	complete a Virginia Board for Waste Management Facility Operators approved training course(s). This
10	section may be waived if the individual is applying for certification through reciprocity or under 18 VAC
11	155 20 120 B 5. The Board shall approve only training courses which document that their instruction
12	meets the minimum curriculum standards contained in this section.
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14	B. A board approved basic training course shall at a minimum include the following topics as
15	they relate to nonhazardous solid waste management facilities:
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17	1. Definitions
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19	2. Authority for Regulations
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21	3. Purpose of Regulations
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23	4. Administration of Regulations
24	
25	5. Applicability of Regulations
26	
27	6. Prohibitions
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29	7. Open Dumps
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31	8. Unpermitted Facilities
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33	9. Enforcement and Appeal
34	
35	10. Penalties and Enforcement
36	
37	11. Public Participation
38	
39	12. Relationship with other regulations promulgated by the Virginia Waste Management Board
40	
41	13. Identification of Solid Waste
42	
43	a. Purpose and Scope
44	
45	b. Definitions of Solid Waste
46	
47	c. Special Wastes
48	
49	d. Exclusions
50	
51	e. Conditional Exemptions
52	
53	14. Overview of Open Dumps and Unpermitted Facilities
54	

1	15. Permitting of Solid Waste Management Facilities
2	
3	16. Review of Department of Environmental Quality Inspection Form
4	AT O TO THE STATE OF THE STATE
5	17. Overview of Permitted Solid Waste Management Facilities
6	
7	a. Transfer Stations
8	
9	b. Material Recovery Facilities
10	a Ermanimantal Facilities
11 12	c. Experimental Facilities
13	d. Sanitary Landfills
13 14	d. Saintary Landrins
15	e. Infectious Waste Incinerators
16	c. Infectious waste memerators
17	f. Mass Burn Facilities
18	1. Muss Built windes
19	g. Refuse Derived Fuel Facilities
20	g. Refuse Berried Lucification
21	h. Autoclaves
22	
23	18. Overview of General OSHA Requirements
24	1
25	19. Neighbor Relations
26	
27	20. Recordkeeping and Financial Assurance
28	
29	C. A board approved training course specific to Class II facilities shall include at a minimum the
30	following topics:
31	
32	1. Definitions
33	
34	2. Special Wastes
35	
36	a. General
37	
38	b. Asbestos Wastes
39 40	a Wastas Containing Delyahlaninated Dinhanyla
40 41	c. Wastes Containing Polychlorinated Biphenyls
41 42	d. Liquido
42 43	d. Liquids
44	e. Tires
45	c. Thes
46	f. Drums
47	I. Digino
48	g. White Goods
49	8
50	h. Soil Contaminated with Petroleum Products
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52	i. Lead Acid Batteries
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54	j. Other Prohibited Wastes

1	
2	k. Hazardous Wastes
3	
4 5	1. Screening for Prohibited Wastes
5 6 7	m. Handling Procedures for Special or Hazardous Wastes
8	n. Recordkeeping and Notification Requirements
9 10	3. Solid Waste Disposal Standards
11	3. Solid Waste Disposal Standards
12	a. General Standards for Sanitary Landfills
13	•
14	b. Design/Construction
15	
16	c. Operation
17	
18	d. Groundwater Monitoring
19	o Closuro
20 21	e. Closure
22	f. Post-Closure Care Requirements
23	1. 1 ost-Closure Care requirements
24	g. Control of Decomposition Gases
25	8
26	h. Leachate Control System and Monitoring
27	
28	i. Leachate Control System Appurtenances
29	
30	j. Corrective Action Program
31	
32	4. Construction/Demolition Debris Standards
33 34	5. Industrial Waste Disposal Standards
35	3. Industrial waste Disposal Standards
36	6. Other Solid Waste Management Facility Standards
37	of other bond waste management ruently bundards
38	a. Compost Facilities
39	•
40	b. Surface Impoundments and Lagoons
41	
42	c. Waste Piles
43	
44	d. Miscellaneous Units
45 46	7. Permitting of Solid Waste Management Facilities
47	7. Fermitting of Solid waste Management Facilities
48	8. Financial Assurance Documentation
49	o. I manetal Assurance Documentation
50	9. Rulemaking Petitions and Procedures
51	<u> </u>
52	D. A board approved training course for Class III specific management facility shall include at a
53	minimum the following topics:
54	

1	1. Identification and Listing of Infectious Waste
2	
3	a. General
4	
5	b. Exemption to Regulations
6	P. 1. 1
7	c. Exclusions
8	
9	d. Characteristics of Infectious Waste
10	
11	e. Controlled Infectious Waste
12 13	2. Canaral Paguiramenta
13	2. General Requirements
15	a. Permits and Permits by Rule
16	a. I erinits and I erinits by Rule
17	b. Financial Assurance Requirements
18	o. I maneral Assurance requirements
19	c. Packaging and Labeling Requirements
20	c. I dekaging and Edoening Requirements
21	d. Management of Spills
22	un management of Spins
23	e. Closure Requirements
24	1. 2
25	f. Methods of Treatment and Disposal
26	1
27	g. Approved Test Method
28	
29	h. Recordkeeping Requirements
30	
31	3. Requirements for Storage Facilities
32	
33	a. Sanitation
34	
35	b. Access
36	
37	c. Temperature Control and Storage Period
38	
39	d. Drainage and Ventilation
40	A.D
41	4. Requirements for Transportation
42	Comitation
43 44	a. Sanitation
44	h Aggass
46	b. Access
47	c. Temperature and Storage Period
48	c. Temperature and Storage Ferrod
49	d. Drainage
50	d. Diamage
51	e. Packaging, Labeling and Placards
52	c. 2 delaging, Edecing and 1 deales
53	f. Management of Spills
54	C r

1	g. Loading and Unloading
2	h. Registration of Transportation
4	
5	5. Requirements for Incineration
6 7	a. Performance Standards
8	
9	b. Analysis and Management of Ash Residue
10	
11	c. Unloading Operation
12	d Compliance with Other Bernleton, Berningsont
13 14	d. Compliance with Other Regulatory Requirements
14 15	6. Requirements for Steam Sterilization
16	o. Requirements for Steam Stermzation
17	a. Performance Standards
18	and the formation of the first
19	b. Compliance with Other Regulatory Requirements
20	2. 2 <del>1</del>
21	E. A board approved training course for Class IV specific management facility shall include at a
22	minimum the following topics:
23	
24	1. Solid Waste Management Regulations
24 25 26	
26	a. Siting
27 28	
28	b. Design and Construction
29	
30	c. Operation
31	
32 33	d. Waste Characteristics
34	2. Emissions Formation and Control
35	2. Emissions Pormation and Control
36	a. Type of Emissions
37	a. Type of Elinosions
38	b. Environmental Effect
39	
40	c. Control Techniques
41	•
42	3. Emissions Monitoring
43	
44	a. Parameters Monitored
45	
46	b. Types of Monitors
47	
48	c. Data Acquisition
49 50	
50	d. Monitor Calibration, Certification and Testing
51 52	1. Combustion and Gas Basetions
52 53	4. Combustion and Gas Reactions
55 54	a. Combustion Components
	G. CAMIDAGIAN CAMIDANCID

47 48 b. Maintenance	1	
c. Gas Reactions Related to Combustor Construction Materials  5 5. Solid Waste Materials Handling  7 a. Front End Processing Equipment  9 b. Combustion Enhancement  10 c. Back End Processing  11 d. Recycling Benefits  12 d. Recycling Benefits  15 6. Waste Combustion Residue Handling and Disposal  17 a. Types of Residue  19 b. Characteristics  10 c. Regulations  21 c. Regulations  22 c. Regulations  23 d. Monitoring  25 e. Handling and Transportation  27 f. Disposal  28 g. Alternative Uses  31 3. Employer/Employee Obligations  35 b. OSHA  37 c. Hazard Communication  38 c. Hazard Communication  40 d. Equipment Tagout  41 e. Respiratory Protection  43 8. Recordkeeping  44 8. Recordkeeping  45 a. Engineering Log Keeping  46 4 B. Recordkeeping  47 b. Maintenance  49 c. Solid Waste  18 VAC 155-20-230. Approval of training course.		b. Optimizing Solid Waste Combustion
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C. Training records.

A. Persons seeking to have a training course approved by the board shall complete a form provided by the board and submit the appropriate fee as defined in 18 VAC 155 20 40 B 6 Each applicant for training course approval shall meet the requirements established by these regulations before being granted approval. Those desiring approval of a training course shall apply on a form provided by the department. The form shall be completed in accordance with the instructions supplied, and shall be accompanied by three copies of the materials which document that the training course meets the requirements of these regulations and by the fee required by 18 VAC155-20-40 B6 of this chapter. Receipt and deposit of the required fee do not indicate board approval.

- B. Training courses shall be approved by the board prior to the training activity in accordance with the following:
  - 1. Training providers.
- a. Organizations. The board may approve training courses offered by a sponsor who is an identifiable organization which can demonstrate the capability to teach environmental or engineering material. The organization shall have a mission statement outlining its functions, structure, process and philosophy, and that a staff of one or more persons has the authority to administer and coordinate the training program.
- b. Schools. The board may approve training courses offered by an accredited academic institution which can demonstrate the capability to teach environmental or engineering material.
- c. Businesses. The board may approve training courses offered by a business entity which can demonstrate the capability to teach environmental or engineering material.
- 2. Instructors. The training course provider shall ensure training is only conducted by personnel who have demonstrated competence in the subject being taught, an understanding of the learning objective, a knowledge of the teaching process to be used, and a proven ability to communicate.
- 3. Objectives. The training course provider shall ensure that the course has a series of stated objectives that are consistent with the type of facility, operator job requirements, and state and federal regulations. The training course shall be consistent with training criteria outlined in 18 VAC 155-20-220 of this chapter.
- 4. The board shall only approve courses which provide the participants a complete tour of a facility appropriate to the course emphasizing operator responsibilities. The basic training course is exempt from this requirement.
- 5. Course completion requirements. For successful completion of a training program, participants must attend 90% or more of the class contact time and the tour of the facility.
- 6. The training provider shall provide an effective means for evaluation of the quality of the course and the instructor(s).
- 7. The training provider shall ensure the number of participants and physical facilities are appropriate for the course content and teaching method specified by the developer.
- 8. The training provider shall ensure all course materials are technically accurate, current and sufficient to meet the program's learning objectives.

1 2	1. An approved training provider shall retain records for all participants for a period of 10 years and shall maintain a written policy on the retention and release of records.
3 4 5	2. All records pertaining to the approved training and participants shall be made available to the board immediately upon request.
6 7 8	D. The board shall consider the following information, to be submitted to the board at least 45 days prior to the scheduled training activity before deciding to approve or disapprove an application for
9	training provider approval:
0	1. Course information.
2 3	a. Course title
4 5 6	b. Planned audience
7	c. Name of sponsor
9	d. Name, address and telephone number of contact person
122	e. Scheduled presentation dates
3 4	f. Detailed course schedule on an hour by hour basis
5 6	g. List of planned breaks
7 8	h. Scheduled presentation locations
9 0	i. Scheduled tour locations
1 2	j. Instructor(s) resume
2 3 4	2. Training materials.
<del>1</del> 5 6 7	a. Course objectives. A listing of the course objectives stated in the terms of the skills and knowledge the participant will be able to demonstrate as a result of the training.
3 ) )	b. Course outline. A detailed outline showing the planned activities that will occur during the training program, including major topics, planned presentation sequence, tour activities, audio visual presentations and other major activities.
1 2 3 4	c. Course reference materials. A list of name, publisher, and publication of commercially available publications; for material developed specifically for the course, a copy of the reference material.
5 6 7 8 9	d. Audio-visual support materials. A list of any commercially available audio-visual support material that will be used in the course; a brief description of any audio-visual material generated by the sponsor or instructor.
)	e. Handouts. Identification of all commercially available handout material including regulations; copies of other handouts generated by the sponsor or instructor.

E. The board shall approve all substantial changes to the course and all additional course dates

and locations prior to the training activity before the changes may be implemented.

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1 2 F. The board reserves the right to withdraw approval if the board determines the course is not 3 adequately teaching participants, or the sponsor or an instructor violates this chapter. 4 5 18 VAC 155-20-240. Continuing education requirement. 6 7 A. All applicants for certification renewal shall complete at least 10 hours of continuing 8 education during the term of the expiring certification. No continuing education shall be required for the 9 first renewal after the issuance of the initial certification. 10 11 B. In order for the certified operator to receive continuing education credit, all credit hours shall 12 be specific to the management of a solid waste management facility. 13 14 C. Certified individuals may seek board approval of a specific course on a case by case basis 15 either before or after completing the course. 16 17 1. Certified individuals requesting an individual course be approved shall submit the name, 18 address and telephone number of the sponsor, a copy of the syllabus and other available descriptive 19 material to the board for review. 20 21 2. If the board approves the course, the applicant will receive a letter from the board stating the 22 approval and the number of credit hours which will be awarded for completing the course. 23 24 D. The certified operator shall retain evidence of satisfactory completion of CPE credit hours for 25 a period of three years. Such documentation shall be in a form of the certificate of completion from an 26 approved sponsor or verification from the accredited institution offering the course. If, upon request, the 27 certified operator cannot produce such documentation, the certified operator may be subject to disciplinary 28 proceedings. 29 30 E. All CPE credit hours shall be reported to the board on a form provided by the board and 31 subject to possible audit. 32 33 F. CPE credit hours, taken after the expiration of the individual's certificate to meet the CPE 34 requirement of the prior certification cycle, shall not be reported for any future renewal. 35 36 G. Failing to meet the CPE requirement may result in reapplication for certification including 37 possible training and examination requirements. 38 39 40 PART VII. 41 APPROVAL OF CPE SPONSORS. 42 43 44 18 VAC 155 20 250, General. 45 46 A. For the purposes of this section all courses, seminars and conference presentations related to 47 the management of a solid waste management facility sponsored by state and federal government bodies 48 are approved by the board. 49 50 B. Persons seeking registration as a board approved sponsor shall apply on an application form 51 provided by the board and submit the application fee defined in 18 VAC 155 20 40 B 7 of this chapter. 52 The receipt and deposit of fees do not indicate board approval. 53 54 C. Each applicant shall agree as a condition of registration to abide by the following provisions:

1.	
	Each applicant shall possess the financial resources, sound administration, competent
supervision (	and an effective and supportive organizational structure.
2. 1	Programs shall contribute to the professional competence of participants in managing and
	solid waste management facility.
3. (	CPE credit hours are allowed only for formal programs of learning that maintain or increase
he profession	onal competence of the participant.
	Program sponsor shall select instructors qualified with respect to both program content and
<del>requirea teac</del>	ching methods.
5 I	Program sponsors shall ensure the number of participants and the physical facilities are
	for the program content and teaching methods used by the instructors.
TI I	6
6. 8	Sponsors shall provide an effective means for evaluating the quality of the program and
instructors.	
ъ.	
	Failure of the sponsor to comply with the requirements relating to the responsibilities of onsors may result in the termination by the board of approved sponsor designation.
<del>ərogram spe</del>	onsors may result in the termination by the board of approved sponsor designation.
E. 7	The board reserves the right to initiate an investigation of an approved sponsor.
2, .	The could reserve and regard to minimo an investigation of an approved sponsor.
——— F. U	Upon finding of any violation of the board's rules and regulations, the board may deny initial
registration,	deny renewal, suspend or revoke approval.
<del>18 VAC 155</del>	5-20-260. Standards for CPE program development and presentation.
Foo	ch sponsor that submits an application to the board shall accept and abide by these provisions:
Lac	on sponsor that submits an application to the board shan accept and ablae by these provisions.
1. <del>I</del>	Program developers shall state learning objectives and specify the level of knowledge of the
	ach objective shall be written to be consistent with the program's specified level of knowledge.
Levels of kn	owledge shall be described as basic, intermediate, advanced or updated.
	Program developers shall state the prerequisites for education, experience, or both for all
<del>programs.</del>	
3 1	Program developers shall be qualified in the subject matter and be knowledgeable in
	lesign through practical experience, education or both.
	worgh un ough principal, addedition of count
4. F	Program materials shall be technically accurate, current, and sufficient to meet the program's
learning obje	<del>ectives.</del>
5. F	Program sponsors shall inform all participants in advance of learning objectives, prerequisites
	wledge of the program, program content, need for any advanced preparation, teaching
<del>metnods to t</del>	be used, recommended CPE credit, and relevant administrative policies.
6 I	Brochures and other announcements shall disclose all policies and procedures concerning
	payment of fees, refunds, attendance, and certificates of completion.
	ray and a sample of the same and the same an
	All programs shall be measured in 50 minute contact hours. The shortest program for CPE
<del>credit purpo</del>	ses shall consist of one contact hour.

	8. Instructors shall be given CPE credit for their preparation and presentation time. Credit for
	instructors shall be measured in 50 minute contact hours. Preparation credit received shall be no greater
	than two times the number of presentation hours. An instructor may not receive credit for preparation
	time for a repeated presentation unless he can demonstrate that the program content involved was
	substantially changed.
	18 VAC 155 20 270. Certificates of completion and recordkeeping.
	A. The sponsor shall provide participants, upon successful completion of each course, a
	certificate of completion indicating location, date(s), CPE credit hours, sponsor identification, address of
	sponsor, and title of course.
	B. The sponsor shall maintain for a period of five years records of participation, copy of program
	materials, dates, location, instructor(s), number of CPE contact hours, and evaluations of the course and
	instructor.
	C. All records shall be made available to the board immediately upon request.
	PART <del>VIII.</del> V.
	STANDARDS OF CONDUCT AND DISCIPLINARY ACTION.
	18 VAC 155-20-280. Prohibited acts. Grounds for denial of application, denial of renewal, or discipline.
	A Port VIII is intended to apply to both intenin and full contification
	A. Part VIII is intended to apply to both interim and full certification.
	A B. The following are grounds for disciplinary action by the board. The board shall have the
;	authority to deny an application for and to deny renewal of a license or training course approval, and to
	revoke or suspend the license or training course approval as well as to discipline a licensee or an approved
	training provider for the following reasons:
	1. The certificate holder violates or induces Violating or inducing another person to violate any
	provisions of Chapters 1, 2, 3 or 22.1 of Title 54.1 of the Code of Virginia, or any provisions of this
	chapter.
	1
	2. The certificate issued to a solid waste management facility operator Obtaining a license or
ĺ	training course approval was obtained through fraudulent means or misrepresentation.
	3. Having been found guilty by the board, an administrative body or by a court of any material
]	misrepresentation in the course of performing his operating duties.
	4. Having been convicted or found guilty, regardless of jurisdiction, of any felony; or violation
•	which resulted in the significant harm to human health or the environment, there being no appeal pending
	therefrom or the time of appeal having elapsed. Any plea of nolo contendere shall be considered a
	conviction for the purposes of this chapter. The record of a conviction authenticated in such form as to be
	admissible in evidence under the laws of the jurisdiction where convicted—A certified copy of the final
	order, decree or case decision by a court or regulatory agency with lawful authority to issue such order,
	decree or case decision shall be admissible as prima facie evidence of such conviction.
	<del></del>
	5. Failing to inform the board in writing within 30 days of pleading guilty or nolo contendere or

being convicted or found guilty of any felony which resulted in the significant harm or the imminent and

substantial threat of significant harm to human health or the environment.

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1 2	6. Gross negligence, or a continued pattern of incompetence, in the practice as a waste management facility operator.
3	management racinty operator.
4	7. Violating the permit conditions for the facility, or violating any federal, state or local laws or
5 6	regulations which results in the significant harm or an imminent and substantial threat of significant harm to human health or the environment.
7	narm to numan nearth of the chynomiche.
8	C $B$ . Any individual whose <u>certification</u> <u>license</u> is revoked under this section shall not be eligible
9	to apply for <u>certification</u> <u>licensure</u> for a period of one year from the effective date of the final order of
10	revocation. The individual shall meet all education, examination, experience and training requirements,
11 12	complete the application and submit the required fee for consideration as a new applicant.
13	C. The board shall conduct disciplinary procedures in accordance with the Administrative
14	Process Act (§ 9-6.14:1 et seq. of the Code of Virginia).
15	
16	18 VAC 155 20 290. Denial, suspension or revocation of licensure certification or approval.
17	
18	A. Denial of licensure_certification or approval.
19 20	1. The board, at its discretion, may deny approval of a training course, CPE sponsor or individual
21	license certification for any reason specified in this chapter.
22	neense certification for any reason specified in this enapter.
23	2. The applicant may request the board to reconsider its initial decision in writing within 30 days
24	of the applicant's notification of the denial.
25	
26	3. If the board's initial decision of denial is reconfirmed, the board will notify the applicant in
27	writing outlining the reasons for denial. The response may also include any necessary steps that can be
28	taken by the applicant to ensure compliance with this chapter.
29	
30	4. All appeals for denied applicants for licensure certification or approval shall be in accordance
31	with the provisions of the Administrative Process Act (§ 9 6.14:1 et seq. of the Code of Virginia).
32 33	B. Suspension and revocation of licensure certification.
34	
35	1. The board, in its discretion, may suspend or revoke the license certification of an individual,
36	an approved course or CPE sponsor for any reason specified in this chapter.
37	2. The board shall conduct disciplinary proceedings in accordance with the Administrative
38 39	Process Act (§ 9 6.14:1 et seq. of the Code of Virginia).
40	110ccss 1ct (8 > 0.14.1 ct seq. of the code of virginia).
41	3. Any individual certified or training provider approved by the board who violates any statute or
42	provision of this chapter and is not criminally prosecuted, shall be subject to a monetary penalty. The
43	board shall determine the monetary penalty which shall not exceed \$1,000 for each violation.
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