

STATE OF WEST VIRGINIA



WILLIAM D. SITES
Chairman
BILL SPENCER
Vice-Chairman
RONALD A. KYLE
Secretary

ARCH A. MOORE, JR.
Governor

STATE FIRE COMMISSION
Capitol Complex

Charleston, West Virginia 25305
Telephone (304) 348-2191

ARNETT B. CORLEY, JR.
State Fire Administrator

WALTER SMITTLE, III
State Fire Marshal

NOTICE OF PUBLIC HEARING AND/OR
COMMENT PERIOD ON PROPOSED RULE

OFFICE OF THE SECRETARY OF STATE

1986 MAY 20 PM 1:56

FILED

Agency: West Virginia State Fire Commission
Rule Type: Legislative
Rule Title: "Hazardous Substance Emergency Response Training Programs"
Authority: HB 1266 (1986); West Virginia State Code §29-3-5a, §55-7-17

A public hearing on the above proposed rule will be held at 10:00 AM on Friday, June 27, 1986 at Room 260M, State Capitol Building, Charleston, West Virginia.

Comments are limited to: Oral Written Both

Written comments will be accepted until the close of the hearing on June 27, 1986, and may be mailed to: Arnett B. Corley, Jr., State Fire Administrator, State Capitol Complex, Charleston, West Virginia 25305.

The Commission requests that persons wishing to make comments at the hearing also make an effort to submit a copy of their comments in writing to facilitate a review of these comments at the earliest possible time.

This hearing will be limited to comments on the above identified proposed rule.

Arnett B. Corley, Jr.
State Fire Administrator

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MEMORANDUM

TO: Mr. Richard O. Hartman, Director
Administration Division
Secretary of State's Office

FROM: Arnett B. Corley, Jr. *ABCJR*
State Fire Administrator

DATE: October 27, 1986

SUBJECT: Hazardous Substance Emergency Response Training Program
Series 3

The attached copy of the above subject legislative rule reflects the rule as modified and approved by the Legislative Rule Making Review Committee.

This rule was filed with the Secretary of State and the Legislative Rule Making Review Committee on August 1, 1986, for both normal review process, and as an Emergency Rule.

Please enter this into your files to reflect the rule in its modified format.

Enclosure
ABCJR/gb

The attached is an amendment to the emergency rule. The amendment is the modification filed this date to the proposed rule following Legislative Rule Making Review Committee review.

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OFFICE OF THE SECRETARY OF STATE

WEST VIRGINIA LEGISLATIVE RULE
STATE FIRE COMMISSION
CHAPTER 29-3-5A
SERIES 3

Title: Hazardous Substance Emergency Response Training Programs

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WEST VIRGINIA LEGISLATIVE RULE
STATE FIRE COMMISSION
CHAPTER 29-3-5A
SERIES 3

FILED
1986 AUG -1 1 PM 12:54
CLERK OF COURTS
STATE

Title: Hazardous Substance Emergency Response Training Programs

SECTION 1. GENERAL

1.1 Scope - These regulations establish the rules and regulations deemed necessary by the State Fire Commission for establishing criteria for qualified training programs in hazardous substance emergency response activities and procedures for such qualified training programs to be certified by the state fire marshal.

1.2 Authority - These rules and regulations are issued under authority of West Virginia Code, Chapter 29, Article 3, Section 5a.

1.3 Filing Date - August 1, 1986

1.4 Effective Date - August 1, 1986

SECTION 2. CRITERIA FOR QUALIFIED TRAINING PROGRAM IN HAZARDOUS SUBSTANCE EMERGENCY RESPONSE ACTIVITIES

2.1 SCOPE. The hazardous substance emergency response training programs (HSERTP) must encompass the assessment of hazardous materials/substances emergency threat to people, property, and systems through an analytical study of general hazardous materials emergency behaviors.

2.2 GOAL. The goal of every HSERTP is to provide emergency personnel with basic knowledge necessary to analyze a hazardous materials incident before selecting appropriate action alternatives.

2.3 DEFINITIONS.

2.3.1 "Hazardous substance" means any "hazardous substance" as defined in subsection (g), section three, article thirty-one, chapter sixteen of this code, any "chemical substance and materials" listed in the rules and regulations promulgated by the commissioner of labor pursuant to section eighteen, article three, chapter twenty- one of this code, and any "hazardous waste" as defined in subdivision (7), section three, article five-e, chapter 20 of this code.

2.3.2 First Response Personnel means the earliest in time or succession of the arrival of personnel at the scene of an incident involving a hazardous substance(s).

2.3.3 Hazardous Substance Emergency Response Program means a structured program which provides instruction to personnel on the response capabilities for mitigation of a hazardous substance(s) incident.

2.4 FIRST RESPONSE PERSONNEL PROGRAM

2.4.1 The instructional program curriculum shall provide knowledge of the following sequence of events common to most hazardous material incidents:

2.4.1.1 APPROACH TO THE SITE: Develop the ability to identify clues of hazardous substances that indicates a potential danger which requires first response personnel to approach the incident cautiously.

2.4.1.2 IDENTIFICATION OF HAZARDS: Understands the methodology for identifying hazardous substances and use of available resources for identification.

2.4.1.3 SECURITY OF THE SITE: Knowledge of the procedures for isolating the site to assure the safety of persons and the environment.

2.4.1.4 OBTAINING HELP: Develop familiarity with the procedures for requesting assistance from responsible agencies, CHEMTREC, etc.

2.4.1.5 ENTRY TO THE SITE: Knowledge of the principal facts relating to the use of personal protective equipment and rescue of persons, without compounding the problem.

2.5 INDUSTRIAL HAZARDOUS MATERIAL RESPONSE PROGRAMS

2.5.1 The industrial training program shall provide:

2.5.1.1 Knowledge of the chemical properties or reference sources to obtain the chemical properties of the substance such as:

2.5.1.2 Flammability

2.5.1.3 Health Risks (To emergency response personnel)

Fire Commission
Leg. Rule, 29-3-5A
Series 3, Sec 2

- 2.5.1.4 Reactivity
- 2.5.1.5 Environmental concerns
- 2.5.1.6 Fire extinguishment methods
- 2.5.1.7 Synonyms, trade names, etc.
- 2.5.2 General knowledge of shipping containers:
 - 2.5.2.1 Design criteria
 - 2.5.2.2 Recommended materials of container construction
 - 2.5.2.3 Valve locations & operation
 - 2.5.2.4 Container Markings (identification)
- 2.5.3 Appropriate personal protective equipment such as:
 - 2.5.3.1 Self contained breathing apparatus, respirators, etc.
 - 2.5.3.2 Chemical Suits (if necessary)
 - 2.5.3.3 Others as required
- 2.5.4 Use of monitoring equipment:
 - 2.5.4.1 Toxic gas or vapor detection devices
 - 2.5.4.2 Combustible gas measuring devices
 - 2.5.4.3 Other appropriate test equipment
- 2.5.5 Hazard mitigation techniques such as:
 - 2.5.5.1 Diking/Containment
 - 2.5.5.2 Container patching/repair
 - 2.5.5.3 Sorbent materials
 - 2.5.5.4 Neutralizing agents
 - 2.5.5.4 Use of water fog patterns
 - 2.5.5.5 Fire fighting foam and special additives
 - 2.5.5.6 Transloading
- 2.5.6 Decontamination of:
 - 2.5.6.1 Personnel
 - 2.5.6.2 Equipment
 - 2.5.6.3 Environment

SECTION 3. RECORD OF PARTICIPATION - The individual organization, agency, department or enterprise is responsible for maintaining a record of those individuals receiving the appropriate training.