

**CHAPTER 53**  
**VOCATIONAL EDUCATION SAFETY**  
**AND HEALTH STANDARDS**

**Authority**

N.J.S.A. 18A:4-15, 18A:33-1 et seq., 18A:40-12.1  
and 12.2 and 18A:54-1 et seq.

**Source and Effective Date**

R.1998 d.499, effective September 14, 1998.  
See: 30 N.J.R. 2331(a), 30 N.J.R. 3643(a).

**Executive Order No. 66(1978) Expiration Date**

Chapter 53, Vocational Education Safety and Health Standards,  
expires on September 14, 2003.

**Chapter Historical Note**

Chapter 53, Vocational Education Safety and Health Standards, was  
adopted as R.1977 d.279, effective August 3, 1977. See: 8 N.J.R.  
457(b), 9 N.J.R. 417(b).

Pursuant to Executive Order No. 66(1978), Chapter 53, Vocational  
Education Safety and Health Standards, was readopted as R.1982  
d.368, effective October 18, 1982. See: 14 N.J.R. 619(a), 14 N.J.R.  
1154(b).

Pursuant to Executive Order No. 66(1978), Chapter 53, Vocational  
Education Safety and Health Standards, was readopted as R.1987  
d.313, effective July 7, 1987, and Subchapters 4 through 7 were  
repealed and Subchapters 8 and 9 were recodified as Subchapters 4 and  
5 by R.1987 d.313, effective August 3, 1987. See: 19 N.J.R. 485(b), 19  
N.J.R. 1432(a).

Pursuant to Executive Order No. 66(1978), Chapter 53, Vocational  
Education Safety and Health Standards, was readopted as R.1992  
d.204, effective April 10, 1992. See: 24 N.J.R. 516(a), 24 N.J.R.  
1793(b).

Pursuant to Executive Order No. 66(1978), Chapter 53, Vocational  
Education Safety and Health Standards, was readopted as R.1998  
d.499, effective September 14, 1998. See: Source and Effective Date.  
See, also, section annotations.

**CHAPTER TABLE OF CONTENTS**

**SUBCHAPTER 1. GENERAL PROVISIONS**

- 6:53-1.1 Scope and purpose
- 6:53-1.2 Adoption by reference
- 6:53-1.3 Definitions

**SUBCHAPTER 2. STANDARDS IMPLEMENTATION**

- 6:53-2.1 Applicability and implementation of safety and health stan-  
dards
- 6:53-2.2 Safety and health program
- 6:53-2.3 Reporting requirements

**SUBCHAPTER 3. GENERAL REQUIREMENTS FOR  
ALL MACHINES**

- 6:53-3.1 Securing machines and equipment
- 6:53-3.2 Unattended machines and equipment
- 6:53-3.3 Machine controls and equipment

**SUBCHAPTER 4. HAZARDOUS SUBSTANCES**

- 6:53-4.1 Storage of flammable and combustible materials
- 6:53-4.2 Use and disposal of hazardous substances

**SUBCHAPTER 5. PERSONAL PROTECTION**

- 6:53-5.1 Foundry operations
- 6:53-5.2 Protection of personnel
- 6:53-5.3 Handling of blood and body fluids

**SUBCHAPTER 1. GENERAL PROVISIONS**

**6:53-1.1 Scope and purpose**

(a) The rules in this chapter prescribed and approved by the State Board of Education pursuant to N.J.S.A. 18A:1-1, 18A:4-15, 18A:33-1 et seq., 18A:40-12.1, 18A:40-12.2 and 18A:54-1 et seq. provide safety and health standards to govern the use of tools, machines, equipment, protective devices and hazardous substances in vocational education programs and courses.

(b) These programs and courses include those regulated by the Department of Education and offered in public schools, private vocational schools as defined in N.J.A.C. 6:43-1.2, approved private schools for the handicapped as defined in N.J.A.C. 6:28-1.3 and institutions or agencies receiving either State or Federal vocational education funds administered by the Department of Education.

Amended by R.1982 d.368, effective October 18, 1982.  
See: 14 N.J.R. 619(a), 14 N.J.R. 1154(b).

Changed section title from Foreword.  
Amended by R.1987 d.313, effective August 3, 1987.  
See: 19 N.J.R. 485(b), 19 N.J.R. 1432(a).

Added authority "18:40-12.1".  
Amended by R.1992 d.204, effective May 4, 1992.  
See: 24 N.J.R. 516(a), 24 N.J.R. 1793(b).

New (b) added.

**Case Notes**

Board of education was vicariously liable to teacher for compensatory damages under Conscientious Employee Protection Act. *Abbamont v. Piscataway Tp. Bd. of Educ.*, 138 N.J. 405, 650 A.2d 958 (1994).

**6:53-1.2 Adoption by reference**

(a) The standards contained in N.J.A.C. 12:100, Safety and Health Standards for Public Employees, are adopted as safety and health standards for vocational education programs and courses.

(b) The standards are available for review at the Department of Education, 100 River View Executive Plaza, PO Box 500, Trenton, New Jersey 08625-0500 or at the Office of Administrative Law, Quakerbridge Plaza, Bldg. 9, PO Box 049, Trenton, New Jersey 08625-0049.

New Rule, R.1987 d.313, effective August 3, 1987.

See: 19 N.J.R. 485(b), 19 N.J.R. 1432(a).  
 Old section 2 definitions recodified to section 3.  
 Amended by R.1992 d.204, effective May 4, 1992.  
 See: 24 N.J.R. 516(a), 24 N.J.R. 1793(b).  
 CN number corrected at (b).  
 Amended by R.1998 d.499, effective October 5, 1998.  
 See: 30 N.J.R. 2331(a), 30 N.J.R. 3643(a).  
 In (b), changed addresses.

#### Case Notes

Board of education was vicariously liable to teacher for compensatory damages under Conscientious Employee Protection Act. *Abbamont v. Piscataway Tp. Bd. of Educ.*, 138 N.J. 405, 650 A.2d 958 (1994).

Alleged shop ventilation inadequacies were violation of court mandated public policy concerning public health, safety and welfare, and supported claim under Conscientious Employee Protection Act. *Abbamont v. Piscataway Tp. Bd. of Educ.*, 269 N.J.Super. 11, 634 A.2d 538 (A.D.1993), certification granted 136 N.J. 28, 641 A.2d 1039, affirmed 138 N.J. 405, 650 A.2d 958.

### 6:53-1.3 Definitions

The following words and terms, when used in this chapter, shall have the following meanings unless the context clearly indicates otherwise.

“Combustible liquid” means any liquid having a flash point at or above 37.8°C. (100°F).

“Flammable liquid” means any liquid having a flash point below 37.8°C. (100°F).

“Flash point” means the temperature at which a liquid gives off vapor sufficient to form an ignitable mixture with the air near the surface of the liquid.

“Hazard analysis” means a method of reviewing vocational program equipment, materials, procedures and processes in order to identify potential causes of injury or illness.

“Hazardous substance” means any substance, or substance contained in a mixture, included on the workplace hazardous substance list developed by the Department of Health pursuant to N.J.S.A. 34:5A-5, introduced by an employer to be used, studied, produced or otherwise handled at a facility.

“NFPA” means the National Fire Protection Association, Batterymarch Park, P.O. Box 9101, Quincy, Massachusetts 02269.

“Point of operation” means the area on a machine where work is actually performed upon the material being processed.

“Universal precautions” means routine procedures for sanitation and hygiene when handling body fluids including the use of barrier precautions to prevent direct skin contact with blood or any body fluid containing blood.

“Vocational education program and/or course” means any vocational or career orientation program and/or course as defined in N.J.A.C. 6:43-1.2.

Amended by R.1982 d.368, effective October 18, 1982.

See: 14 N.J.R. 619(a), 14 N.J.R. 1154(b).

Added definition of “AWG” and “point of operation.” Amended definition of “combustible liquid,” “flammable liquid,” “nationally recognized testing laboratory,” “NFPA,” “p.s.i.,” “vocational education program” and “welder or welding operator.”

Amended by R.1987 d.313, effective August 3, 1987.

See: 19 N.J.R. 485(b), 19 N.J.R. 1432(a).

Deleted definitions “AWG,” “Nationally recognized testing laboratory,” “p.s.i.” and “welder or welding operator,” added “Hazardous substances”; and amended “vocational education program and/or course”.

Amended by R.1992 d.204, effective May 4, 1992.

See: 24 N.J.R. 516(a), 24 N.J.R. 1793(b).

Added definition for “hazard analysis” and “universal precautions” and amended “NFPA” and “vocational education program and/or course”.

## SUBCHAPTER 2. STANDARDS IMPLEMENTATION

### 6:53-2.1 Applicability and implementation of safety and health standards

(a) All tools, machines, equipment, personal protective devices and hazardous substances used in vocational education programs shall meet the safety and health standards contained in this chapter.

(b) Tools, machines, equipment, personal protective devices and hazardous substances not in compliance with these standards shall be removed from service.

Amended by R.1982 d.368, effective October 18, 1982.

See: 14 N.J.R. 619(a), 14 N.J.R. 1154(b).

Technical and grammatical changes. Deleted old (c).

Amended by R.1992 d.204, effective May 4, 1992.

See: 24 N.J.R. 516(a), 24 N.J.R. 1793(b).

References to “hazardous substances” added throughout text.

### 6:53-2.2 Safety and health program

(a) All district boards of education and other institutions and agencies identified in N.J.A.C. 6:53-1.1(b) operating vocational education programs and/or courses shall organize, adopt and implement a vocational education safety and health program. A copy of the program, indicating the district board of education’s, the agency’s or institution’s adoption and approval, shall be retained on file by the agency or institution and made available, upon request, to the Department of Education.

(b) Each district board of education and other institution or agency as specified in N.J.A.C. 6:53-1.1(b) operating vocational education programs and/or courses shall designate a person or persons, other than the chief executive and/or chief administrative officer, who will implement the approved safety and health program.

(c) The safety and health program shall contain, as a minimum, the following: