

1994—Subsec. (a)(1). Pub. L. 103-429 inserted “applicable” after “each”.

Pub. L. 103-311 substituted “, package, or packaging (or a component of a container, package, or packaging)” for “or package” in two places.

EFFECTIVE DATE OF 1994 AMENDMENT

Amendment by Pub. L. 103-429 effective July 5, 1994, see section 9 of Pub. L. 103-429, set out as a note under section 321 of this title.

§ 5105. Transporting certain highly radioactive material

(a) DEFINITIONS.—In this section, “high-level radioactive waste” and “spent nuclear fuel” have the same meanings given those terms in section 2 of the Nuclear Waste Policy Act of 1982 (42 U.S.C. 10101).

(b) TRANSPORTATION SAFETY STUDY.—In consultation with the Secretary of Energy, the Nuclear Regulatory Commission, potentially affected States and Indian tribes, representatives of the rail transportation industry, and shippers of high-level radioactive waste and spent nuclear fuel, the Secretary shall conduct a study comparing the safety of using trains operated only to transport high-level radioactive waste and spent nuclear fuel with the safety of using other methods of rail transportation for transporting that waste and fuel. The Secretary shall submit to Congress not later than November 16, 1991, a report on the results of the study.

(c) SAFE RAIL TRANSPORTATION REGULATIONS.—Not later than November 16, 1992, after considering the results of the study conducted under subsection (b) of this section, the Secretary shall prescribe amendments to existing regulations that the Secretary considers appropriate to provide for the safe rail transportation of high-level radioactive waste and spent nuclear fuel, including trains operated only for transporting high-level radioactive waste and spent nuclear fuel.

(d) INSPECTIONS OF MOTOR VEHICLES TRANSPORTING CERTAIN MATERIAL.—(1) Not later than November 16, 1991, the Secretary shall require by regulation that before each use of a motor vehicle to transport a highway-route-controlled quantity of radioactive material in commerce, the vehicle shall be inspected and certified as complying with this chapter and applicable United States motor carrier safety laws and regulations. The Secretary may require that the inspection be carried out by an authorized United States Government inspector or according to appropriate State procedures.

(2) The Secretary may allow a person, transporting or causing to be transported a highway-route-controlled quantity of radioactive material, to inspect the motor vehicle used to transport the material and to certify that the vehicle complies with this chapter. The inspector qualification requirements the Secretary prescribes for an individual inspecting a motor vehicle apply to an individual conducting an inspection under this paragraph.

(Pub. L. 103-272, §1(d), July 5, 1994, 108 Stat. 762; Pub. L. 109-59, title VII, §§7107, 7126, Aug. 10, 2005, 119 Stat. 1897, 1909.)

HISTORICAL AND REVISION NOTES

Revised Section	Source (U.S. Code)	Source (Statutes at Large)
5105(a)	49 App.:1813(e).	Jan. 3, 1975, Pub. L. 93-633, 88 Stat. 2156, §116(e); added Oct. 24, 1992, Pub. L. 102-508, §505(2), 106 Stat. 3311.
	49 App.:1813 (note).	Nov. 16, 1990, Pub. L. 101-615, §16(e), 104 Stat. 3263.
5105(b)	49 App.:1813(a).	Jan. 3, 1975, Pub. L. 93-633, 88 Stat. 2156, §116(a)-(d); added Oct. 30, 1984, Pub. L. 98-559, §3, 98 Stat. 2907; restated Nov. 16, 1990, Pub. L. 101-615, §15, 104 Stat. 3261; Oct. 24, 1992, Pub. L. 102-508, §505(1), 106 Stat. 3311.
5105(c)	49 App.:1813(b).	
5105(d)	49 App.:1813(c).	
5105(e)	49 App.:1813(d).	

In subsection (a), section 16(e) of the Hazardous Materials Transportation Uniform Safety Act of 1990 (Public Law 101-615, 104 Stat. 3263) is included to correct a mistake in the source provisions being restated. See section 16(a)(1) of the Act of 1990 (Public Law 101-615, 104 Stat. 3262), stating that the meanings of “high-level radioactive waste” and “spent nuclear fuel” are as defined in 49 App.:1813, as added by section 15 of the Act (104 Stat. 3261). See also Cong. Rec. S16863 (daily ed., Oct. 23, 1990).

In subsection (b), the words “Secretary of Energy” are substituted for “Department of Energy” because of 42:7131.

In subsection (c), the word “regulations” is substituted for “rule” for consistency in the revised title and with other titles of the United States Code and because “rule” and “regulation” are synonymous.

In subsection (d), before clause (1), the words “In combination” are omitted as surplus.

AMENDMENTS

2005—Subsecs. (b), (c). Pub. L. 109-59, §7126, substituted “Secretary shall” for “Secretary of Transportation shall” wherever appearing.

Subsec. (d). Pub. L. 109-59, §7126, substituted “Secretary shall” for “Secretary of Transportation shall” in par. (1) and “Secretary may” for “Secretary of Transportation may” in par. (2).

Pub. L. 109-59, §7107, redesignated subsec. (e) as (d) and struck out former subsec. (d) which related to a study to be conducted not later than Nov. 16, 1991, to decide which factors, if any, shippers and carriers should consider when selecting routes and modes that would enhance overall public safety related to the transportation of high-level radioactive waste and spent nuclear fuel.

Subsec. (e). Pub. L. 109-59, §7107(2), redesignated subsec. (e) as (d).

§ 5106. Handling criteria

The Secretary may prescribe criteria for handling hazardous material, including—

- (1) a minimum number of personnel;
- (2) minimum levels of training and qualifications for personnel;
- (3) the kind and frequency of inspections;
- (4) equipment for detecting, warning of, and controlling risks posed by the hazardous material;
- (5) specifications for the use of equipment and facilities used in handling and transporting the hazardous material; and
- (6) a system of monitoring safety procedures for transporting the hazardous material.

(Pub. L. 103-272, §1(d), July 5, 1994, 108 Stat. 763; Pub. L. 109-59, title VII, §7126, Aug. 10, 2005, 119 Stat. 1909.)

HISTORICAL AND REVISION NOTES

Revised Section	Source (U.S. Code)	Source (Statutes at Large)
5106	49 App.:1805(a).	Jan. 3, 1975, Pub. L. 93-633, § 106(a), 88 Stat. 2157.

Before clause (1), the text of 49 App.:1805(a) (last sentence) is omitted as being included in “prescribe”. In clause (4), the words “to be used” are omitted as surplus. In clause (6), the word “assurance” is omitted as surplus.

AMENDMENTS

2005—Pub. L. 109-59 substituted “Secretary” for “Secretary of Transportation” in introductory provisions.

§ 5107. Hazmat employee training requirements and grants

(a) TRAINING REQUIREMENTS.—The Secretary shall prescribe by regulation requirements for training that a hazmat employer must give hazmat employees of the employer on the safe loading, unloading, handling, storing, and transporting of hazardous material and emergency preparedness for responding to an accident or incident involving the transportation of hazardous material. The regulations—

- (1) shall establish the date, as provided by subsection (b) of this section, by which the training shall be completed; and
- (2) may provide for different training for different classes or categories of hazardous material and hazmat employees.

(b) BEGINNING AND COMPLETING TRAINING.—A hazmat employer shall begin the training of hazmat employees of the employer not later than 6 months after the Secretary prescribes the regulations under subsection (a) of this section. The training shall be completed within a reasonable period of time after—

- (1) 6 months after the regulations are prescribed; or
- (2) the date on which an individual is to begin carrying out a duty or power of a hazmat employee if the individual is employed as a hazmat employee after the 6-month period.

(c) CERTIFICATION OF TRAINING.—After completing the training, each hazmat employer shall certify, with documentation the Secretary may require by regulation, that the hazmat employees of the employer have received training and have been tested on appropriate transportation areas of responsibility, including at least one of the following:

- (1) recognizing and understanding the Department of Transportation hazardous material classification system.
- (2) the use and limitations of the Department hazardous material placarding, labeling, and marking systems.
- (3) general handling procedures, loading and unloading techniques, and strategies to reduce the probability of release or damage during or incidental to transporting hazardous material.
- (4) health, safety, and risk factors associated with hazardous material and the transportation of hazardous material.
- (5) appropriate emergency response and communication procedures for dealing with an accident or incident involving hazardous material transportation.

(6) the use of the Department Emergency Response Guidebook and recognition of its limitations or the use of equivalent documents and recognition of the limitations of those documents.

- (7) applicable hazardous material transportation regulations.
- (8) personal protection techniques.
- (9) preparing a shipping document for transporting hazardous material.

(d) COORDINATION OF TRAINING REQUIREMENTS.—In consultation with the Administrator of the Environmental Protection Agency and the Secretary of Labor, the Secretary shall ensure that the training requirements prescribed under this section do not conflict with or duplicate—

- (1) the requirements of regulations the Secretary of Labor prescribes related to hazard communication, and hazardous waste operations, and emergency response that are contained in part 1910 of title 29, Code of Federal Regulations; and
- (2) the regulations the Agency prescribes related to worker protection standards for hazardous waste operations that are contained in part 311 of title 40, Code of Federal Regulations.

(e) TRAINING GRANTS.—

(1) IN GENERAL.—Subject to the availability of funds under section 5128(c), the Secretary shall make grants under this subsection—

- (A) for training instructors to train hazmat employees; and
- (B) to the extent determined appropriate by the Secretary, for such instructors to train hazmat employees.

(2) ELIGIBILITY.—A grant under this subsection shall be made to a nonprofit hazmat employee organization that demonstrates—

- (A) expertise in conducting a training program for hazmat employees; and
- (B) the ability to reach and involve in a training program a target population of hazmat employees.

(f) TRAINING OF CERTAIN EMPLOYEES.—The Secretary shall ensure that maintenance-of-way employees and railroad signalmen receive general awareness and familiarization training and safety training pursuant to section 172.704 of title 49, Code of Federal Regulations.

(g) RELATIONSHIP TO OTHER LAWS.—(1) Chapter 35 of title 44 does not apply to an activity of the Secretary under subsections (a)–(d) of this section.

(2) An action of the Secretary under subsections (a)–(d) of this section and section 5106 is not an exercise, under section 4(b)(1) of the Occupational Safety and Health Act of 1970 (29 U.S.C. 653(b)(1)), of statutory authority to prescribe or enforce standards or regulations affecting occupational safety or health.

(h) EXISTING EFFORT.—No grant under subsection (e) shall supplant or replace existing employer-provided hazardous materials training efforts or obligations.

(Pub. L. 103-272, §1(d), July 5, 1994, 108 Stat. 763; Pub. L. 103-311, title I, §§106, 119(c)(1)–(3), Aug. 26, 1994, 108 Stat. 1674, 1680; Pub. L. 109-59, title