Home Page > Executive Branch > Code of Federal Regulations > Electronic Code of Federal Regulations

Electronic Code of Federal Regulations e-CFR TM

e-CFR Data is current as of January 8, 2010

TITLE 49--Transportation

Subtitle B--OTHER REGULATIONS RELATING TO TRANSPORTATION

CHAPTER I--PIPELINE AND HAZARDOUS MATERIALS SAFETY ADMINISTRATION, DEPARTMENT OF TRANSPORTATION

SUBCHAPTER C--HAZARDOUS MATERIALS REGULATIONS

PART 172--HAZARDOUS MATERIALS TABLE, SPECIAL PROVISIONS, HAZARDOUS MATERIALS COMMUNICATIONS, EMERGENCY RESPONSE INFORMATION, TRAINING REQUIREMENTS, AND SECURITY PLANS

Subpart A--GENERAL

§172.I	Purpose and scope.
§172.3	Applicability.

Subpart B--TABLE OF HAZARDOUS MATERIALS AND SPECIAL PROVISIONS

<u>§172.101</u>	Purpose and use of hazardous materials table.
§172.102	Special provisions.
pd	

Subpart C--SHIPPING PAPERS

§172.200	Applicability.
§172.201	Preparation and retention of shipping papers.
§172.202	Description of hazardous material on shipping papers.
§172.203	Additional description requirements.
§172.204	Shipper's certification.

§172.205	Hazardous waste manifest.
Subpart DMAR	RKING
§172.300	Applicability.
§172.301	General marking requirements for non-bulk packagings.
§172.302	General marking requirements for bulk packagings.
§172.303	Prohibited marking.
§172.304	Marking requirements.
§172.306	[Reserved]
§172.308	Authorized abbreviations.
§172.310	Class 7 (radioactive) materials.
§172.312	Liquid hazardous materials in non-bulk packagings.
§172.313	Poisonous hazardous materials.
§172.315	Packages containing limited quantities.
§172.31 <u>6</u>	Packagings containing materials classed as ORM-D.
§172.317	KEEP AWAY FROM HEAT handling mark.
<u>§172.320</u>	Explosive hazardous materials.
§172.322	Marine pollutants.
§172.323	Infectious substances.
§172.324	Hazardous substances in non-bulk packagings.
§172.325	Elevated temperature materials.
<u>§1</u> 72. <u>326</u>	Portable tanks.
§172.328	Cargo tanks.
§172.330	Tank cars and multi-unit tank car tanks.
§172.3 <u>31</u>	Bulk packagings other than portable tanks, cargo tanks, tank cars and multi-unit tank car tanks.
§172.332	Identification number markings.
§172.334	Identification numbers; prohibited display.
§172.336	Identification numbers; special provisions.
§172.338	Replacement of identification numbers.

Subpart E--LABELING

§172.400	General labeling requirements.
§172.400a	Exceptions from labeling.
§172.401	Prohibited labeling.
§172.402	Additional labeling requirements.
§172.403	Class 7 (radioactive) material.
§172. <u>404</u>	Labels for mixed and consolidated packaging.
§172.405	Authorized label modifications.
§172.406	Placement of labels.
§172.407	Label specifications.
§172.411	EXPLOSIVE 1.1, 1.2, 1.3, 1.4, 1.5 and 1.6 labels, and EXPLOSIVE Subsidiary label.
§172.415	NON-FLAMMABLE GAS label.
§172.416	POISON GAS label.
§172.417	FLAMMABLE GAS label.
§172.419	FLAMMABLE LIQUID label.
<u>§172.420</u>	FLAMMABLE SOLID label.
§172.422	SPONTANEOUSLY COMBUSTIBLE label.
§172.423	DANGEROUS WHEN WET label.
§172.426	OXIDIZER label.
§172.427	ORGANIC PEROXIDE label.
§172.429	POISON INHALATION HAZARD label.
§172.430	POISON label.
§172.431	[Reserved]
§172.432	INFECTIOUS SUBSTANCE label.
§172.436	RADIOACTIVE WHITE-I label.
§172.438	RADIOACTIVE YELLOW-II label.
§172.440	RADIOACTIVE YELLOW-III label.
§172.441	FISSILE label.
§172.442	CORROSIVE label.
§172.444	[Reserved]

§172.446	CLASS 9 label.
§172.448	CARGO AIRCRAFT ONLY label.
§172.450	EMPTY label.

Subpart F--PLACARDING

§172.500	Applicability of placarding requirements.
§172.502	Prohibited and permissive placarding.
§172.503	Identification number display on placards.
§172.504	General placarding requirements.
§172.505	Placarding for subsidiary hazards.
§172.506	Providing and affixing placards: Highway.
§172.507	Special placarding provisions: Highway.
<u>§172.508</u>	Placarding and affixing placards: Rail.
§172.510	Special placarding provisions: Rail.
§172.512	Freight containers and aircraft unit load devices.
§172.514	Bulk packagings.
§172.516	Visibility and display of placards.
§172.519	General specifications for placards.
§172.521	DANGEROUS placard.
§172.522	EXPLOSIVES 1.1, EXPLOSIVES 1.2 and EXPLOSIVES 1.3 placards.
§172.523	EXPLOSIVES 1.4 placard.
<u>§172.524</u>	EXPLOSIVES 1.5 placard.
§172.525	EXPLOSIVES 1.6 placard.
§172.526	[Reserved]
§172.527	Background requirements for certain placards.
§172.528	NON-FLAMMABLE GAS placard.
<u>§172.530</u>	OXYGEN placard.
§172.532	FLAMMABLE GAS placard.
§172.536	[Reserved]
§172.540	POISON GAS placard.

§172.542	FLAMMABLE placard.
§172.544	COMBUSTIBLE placard.
§172.546	FLAMMABLE SOLID placard.
§172.547	SPONTANEOUSLY COMBUSTIBLE placard.
§172.548	DANGEROUS WHEN WET placard.
§172.550	OXIDIZER placard.
§172.552	ORGANIC PEROXIDE placard.
§172.553	[Reserved]
§172.554	POISON placard.
<u>§172.555</u>	POISON INHALATION HAZARD placard.
§172.556	RADIOACTIVE placard.
§172.558	CORROSIVE placard.
§172.560	CLASS 9 placard.

Subpart G--EMERGENCY RESPONSE INFORMATION

§172.600	Applicability and general requirements.
§172.602	Emergency response information.
§172.604	Emergency response telephone number.
§172.606	Carrier information contact.

Subpart H--TRAINING

§172.700	Purpose and scope.
§172.701	Federal-State relationship.
§172.702	Applicability and responsibility for training and testing.
<u>§172.704</u>	Training requirements.
74.74	

→ Subpart I--SAFETY AND SECURITY PLANS

§172.800	Purpose and applicability.
§172.802	Components of a security plan.

§172.804	Relationship to other Federal requirements.
§172.820	Additional planning requirements for transportation by rail.
§172.822	Limitation on actions by states, local governments, and Indian tribes.
Appendix	Appendix A to Part 172Office of Hazardous Materials Transportation Color Tolerance Charts and Tables
Appendix	Appendix B to Part 172 Trefoil Symbol
Appendix	Appendix C to Part 172 Dimensional Specifications for Recommended Placard Holder
Appendix	Appendix D to Part 172 Rail Risk Analysis Factors

For questions or comments regarding e-CFR editorial content, features, or design, email ecfr@nara.gov.

For questions concerning e-CFR programming and delivery issues, email webteam@gpo_gov_

Section 508 / Accessibility

Title 49: Transportation

PART 172—HAZARDOUS MATERIALS TABLE, SPECIAL PROVISIONS, HAZARDOUS MATERIALS COMMUNICATIONS, EMERGENCY RESPONSE INFORMATION, TRAINING REQUIREMENTS, AND SECURITY PLANS

Browse Previous

Subpart I—Safety and Security Plans

Source: 68 FR 14521, Mar. 25, 2003, unless otherwise noted.

§ 172.800 Purpose and applicability.

- (a) *Purpose*. This subpart prescribes requirements for development and implementation of plans to address security risks related to the transportation of hazardous materials in commerce.
- (b) Applicability. By September 25, 2003, each person who offers for transportation in commerce or transports in commerce one or more of the following hazardous materials must develop and adhere to a security plan for hazardous materials that conforms to the requirements of this subpart:
- (1) A highway route-controlled quantity of a Class 7 (radioactive) material, as defined in §173.403 of this subchapter, in a motor vehicle, rail car, or freight container;
- (2) More than 25 kg (55 pounds) of a Division 1.1, 1.2, or 1.3 (explosive) material in a motor vehicle, rail car, or freight container;
- (3) More than one L (1.06 qt) per package of a material poisonous by inhalation, as defined in §171.8 of this subchapter, that meets the criteria for Hazard Zone A, as specified in §§173.116(a) or 173.133(a) of this subchapter;
- (4) A shipment of a quantity of hazardous materials in a bulk packaging having a capacity equal to or greater than 13,248 L (3,500 gallons) for liquids or gases or more than 13.24 cubic meters (468 cubic feet) for solids:
- (5) A shipment in other than a bulk packaging of 2,268 kg (5,000 pounds) gross weight or more of one class of hazardous materials for which placarding of a vehicle, rail car, or freight container is required for that class under the provisions of subpart F of this part;
- (6) A select agent or toxin regulated by the Centers for Disease Control and Prevention under 42 CFR part 73 or, by April 1, 2007, a select agent or toxin regulated by the United States Department of Agriculture under 9 CFR part 121; or
- (7) A quantity of hazardous material that requires placarding under the provisions of subpart F of this part.
- (c) Exceptions. Transportation activities of a farmer, who generates less than \$500,000 annually in gross receipts from the sale of agricultural commodities or products, are not subject to this subpart if such activities are:
- (1) Conducted by highway or rail;
- (2) In direct support of their farming operations; and

(3) Conducted within a 150-mile radius of those operations.

[68 FR 14521, Mar. 25, 2003, as amended at 70 FR 73164, Dec. 9, 2005; 71 FR 32258, June 2, 2006]

§ 172.802 Components of a security plan.

- (a) The security plan must include an assessment of possible transportation security risks for shipments of the hazardous materials listed in §172.800 and appropriate measures to address the assessed risks. Specific measures put into place by the plan may vary commensurate with the level of threat at a particular time. At a minimum, a security plan must include the following elements:
- (1) *Personnel security.* Measures to confirm information provided by job applicants hired for positions that involve access to and handling of the hazardous materials covered by the security plan. Such confirmation system must be consistent with applicable Federal and State laws and requirements concerning employment practices and individual privacy.
- (2) Unauthorized access. Measures to address the assessed risk that unauthorized persons may gain access to the hazardous materials covered by the security plan or transport conveyances being prepared for transportation of the hazardous materials covered by the security plan.
- (3) En route security. Measures to address the assessed security risks of shipments of hazardous materials covered by the security plan en route from origin to destination, including shipments stored incidental to movement.
- (b) The security plan must be in writing and must be retained for as long as it remains in effect. Copies of the security plan, or portions thereof, must be available to the employees who are responsible for implementing it, consistent with personnel security clearance or background investigation restrictions and a demonstrated need to know. The security plan must be revised and updated as necessary to reflect changing circumstances. When the security plan is updated or revised, all copies of the plan must be maintained as of the date of the most recent revision.

§ 172.804 Relationship to other Federal requirements.

To avoid unnecessary duplication of security requirements, security plans that conform to regulations, standards, protocols, or guidelines issued by other Federal agencies, international organizations, or industry organizations may be used to satisfy the requirements in this subpart, provided such security plans address the requirements specified in this subpart.