§ 174.1  
Subpart B—General Operating Requirements

174.24 Shipping papers.
174.26 Notice to train crews.
174.50 Nonconforming or leaking packages.

Subpart C—General Handling and Loading Requirements

174.55 General requirements.
174.57 Cleaning cars.
174.59 Marking and placarding of rail cars.
174.61 Transport vehicles and freight containers on flat cars.
174.63 Portable tanks, IM portable tanks, IBCs, Large Packaging, cargo tanks, and multi-unit tank car tanks.
174.67 Tank car unloading.
174.81 Segregation of hazardous materials.

Subpart D—Handling of Placarded Rail Cars, Transport Vehicles and Freight Containers

174.82 General requirements for the handling of placarded rail cars, transport vehicles, freight containers, and bulk packages.
174.83 Switching placarded rail cars, transport vehicles, freight containers, and bulk packages.
174.84 Position in train of loaded placarded rail cars, transport vehicles, freight containers or bulk packagings when accompanied by guards or technical escorts.
174.85 Position in train of placarded cars, transport vehicles, freight containers, and bulk packagings.
174.86 Maximum allowable operating speed.

Subpart E—Class 1 (Explosive) Materials

174.101 Loading Class 1 (explosive) materials.
174.102 Forbidden mixed loading and storage.
174.103 Disposition of damaged or astray shipments.
174.104 Division 1.1 or 1.2 (explosive) materials; car selection, preparation, inspection, and certification.
174.105 Routing shipments, Division 1.1 or 1.2 (explosive) materials.
174.106 “Order-Notify” or “C.O.D.” shipments, Division 1.1 or 1.2 (explosive) materials.
174.110 Car magazine.
174.112 Loading Division 1.3 and Division 1.2 (explosive) materials (Also see §174.101).
174.114 Record to be made of change of seals on “Cars loaded with Division 1.1 or 1.2 (explosive) materials”.
174.115 Loading Division 1.4 (explosive) materials.

Subpart F—Detailed Requirements for Class 2 (Gases) Materials

174.200 Special handling requirements.
174.201 Class 2 (gases) material cylinders.
174.204 Tank car delivery of gases, including cryogenic liquids.
174.290 Materials extremely poisonous by inhalation shipped by, for, or to the Department of Defense.

Subpart G—Detailed Requirements for Class 3 (Flammable Liquid) Materials

174.300 Special handling requirements.
174.304 Class 3 (flammable liquid) materials in tank cars.

Subparts H–I [Reserved]

Subpart J—Detailed Requirements for Division 6.1 (Poisonous) Materials

174.600 Special handling requirements for materials extremely poisonous by inhalation.
174.615 Cleaning cars.
174.680 Division 6.1 (poisonous) materials with foodstuffs.

Subpart K—Detailed Requirements for Class 7 (Radioactive) Materials

174.700 Special handling requirements for Class 7 (radioactive) materials.
174.715 Cleanliness of transport vehicles after use.
174.750 Incidents involving leakage.


Subpart A—General Requirements

§ 174.1  
Purpose and scope.

This part prescribes requirements in addition to those contained in parts 171, 172, 173, and 179 of this subchapter, to be observed with respect to the transportation of hazardous materials in or on rail cars.


§ 174.2  
Limitation on actions by states, local governments, and Indian tribes.

Sections 5125 and 20106 of Title 49, United States Code, limit the authority of states, political subdivisions of states, and Indian tribes to impose requirements on the transportation of hazardous materials in commerce. A
§ 174.9 Safety and security inspection and acceptance.

(a) At each location where a hazardous material is accepted for transportation or placed in a train, the carrier must inspect each rail car containing the hazardous material, at ground level, for required markings, labels, placards, securement of closures, and leakage. These inspections may be performed in conjunction with inspections required under parts 215 and 232 of this title.

(b) For each rail car containing an amount of hazardous material requiring placarding in accordance with §172.504 of this subchapter, the carrier must visually inspect the rail car at ground level for signs of tampering, including closures and seals, for suspicious items or items that do not belong, and for other signs that the security of the car may have been compromised, including the presence of an improvised explosive device. As used in this section, an improvised explosive device is a device fabricated in an improvised manner incorporating explosives or destructive, lethal, noxious, pyrotechnic, or incendiary chemicals in its design, and generally includes a power supply, a switch or timer, and a detonator or initiator. The carrier should be particularly attentive to signs that security may have been compromised on rail cars transporting materials covered by §172.820 of this subchapter, rail carload quantities of ammonium nitrate or ammonium nitrate mixtures in solid form, or hazardous materials of interest based on current threat information.

(c) If a rail car does not conform to the safety and security requirements of this subchapter, the carrier may not forward or transport the rail car until the deficiencies are corrected or the car is approved for movement in accordance with §174.50.

(d) Where an indication of tampering or suspicious item is found, a carrier must take appropriate action to ensure the security of the rail car and its contents have not been compromised before accepting the rail car for further movement. If the carrier determines that the security of the rail car has been compromised, the carrier must take action, in conformance with its