

PROPOSED RULES

Proposed amendments of hazardous materials regulations to terminate special permits and exemptions

Regulation No.	Applicant holder	Regulation affected	Nature of exemption or application	Nature of proposed amendment
E 3780-No	American Cyanamid Co.	173.328(a)(3)	Authorizes shipments of cyanogen chloride (containing less than 0.9 pct water), a class A poison, in DOT specification 3A480, 3AA480, or 3A480X cylinders as specified in sec. 173.332(a)(2). (Modes 1 and 2.)	To add par. (a)(3) to read: (3) Cyanogen chloride (containing less than 0.9 pct water) may also be packaged as prescribed by sec. 173.332(a)(2) of this subchapter
E 6127-No	Monsanto Co.	173.373(a)	Authorizes shipments of orthonitroaniline in insulated DOT specification MC 304, MC 307, MC 310, MC 311, or MC 312 tank motor vehicles having a steel inner tank. Commodity must be loaded in a liquefied state at a temperature not to exceed 180° F. (Mode 1.)	To add par. (6) to read: (6) Specification MC 304, MC 307, MC 310, MC 311, or MC 312 of this subchapter. Tank motor vehicles. If the cargo tank is constructed with bottom outlets, they must meet secs. 178.342-5(a) and 178.343-5 of this subchapter. Cargo tank must be insulated and have a steel inner tank. Authorized only for orthonitroaniline loaded in a liquefied state at a temperature not over 180° F. Not authorized for transportation by water.
E 6238-No	Vicksburg Chemical Co.	173.182(b)(6)(i)	Authorizes shipments of potassium nitrate in DOT specification 44P plastic bag having a net weight of not over 81 lb. (Modes 1 and 2.)	To revise par. (i) to read: (i) Specification 44P (sec. 178.241 of this subchapter). All plastic bags. Maximum authorized net weight is 81 lb. Authorized only for ammonium nitrate mixed fertilizer, ammonium nitrate fertilizer (containing no more than 0.2 pct carbon) and potassium nitrate.
E 6502-No SP 6640-X	Allied Chemical Corp., Air Products & Chemicals, Inc.	173.34(e)(15) (ii)	Authorizes shipments of sulfur hexafluoride in DOT specification 3A and 3AA cylinders with the retest period specified in 49 CFR 173.34(e) extended to 10 yr. (Modes 1 and 2.)	To revise par. (15)(ii) to read: (15) . . . . (i) . . . . (ii) The cylinder is used exclusively for Air, argon, cyclopropane, ethylene, helium, hydrogen, krypton, neon, nitrogen, nitrous oxide, oxygen, sulfur hexafluoride, xenon, and permitted mixtures thereof (see sec. 173.301(a)) and permitted mixtures of these gases with up to 30 pct by volume of carbon dioxide. These commodities must have a dewpoint at or below minus 52° F at 1 atm.
E 6504-No	Chrevorn Chemical Co.	173.353(a)(7)	Authorizes shipments of methyl bromide and ethylene dibromide mixtures in tin-plated metal cans packed in a specification 12B30 fiberboard box. (Mode 1.)	To add par. (a)(7) to read: (7) Specification 12B30 (sec. 178.205 of this subchapter). Fiberboard box with inside tinplated metal cans containing not more than 6 oz of product per can. Cans must be capable of withstanding a pressure of 75 lb/in <sup>2</sup> at 130° F. without leakage or permanent distortion. Not more than 12 cans may be packed snugly in the outside fiberboard box. Authorized only for methyl bromide and ethylene dibromide mixtures, liquid.
E 6838-No	Air Cruisers Co., Douglas Aircraft, American Airlines.	173.108(a), 175.3	Authorizes shipments of liferafts or slide rafts containing not more than 5 signal devices. (Modes 1, 3, 4, and 5.)	To add "Liferafts, inflatable" to 172.101 and to add para. 173.906 to read as follows:
(Add)		173.906	Liferafts, inflatable	An inflatable liferaft, serviced and ready for use as a lifesaving appliance aboard a vessel or aircraft, containing small quantities of hazardous materials which are required as part of the lifesaving appliance; e.g., a nonflammable compressed gas with no subsidiary hazards packaged in a cylinder complying with DOT regulations, class C explosives in the form of pyrotechnic devices, and flammable liquids in the form of a repair kit capable of repairing punctures in the buoyancy compartments, etc., must be packed in strong outside packagings.
E 7090-No E 7248-No E 7260-No	E. I. du Pont de Nemours & Co.; Atlas Powder.	176.415(c)	Authorizes the loading and unloading of certain packagings of nitro carbo nitrate and ammonium nitrate fertilizers at nonisolated port facilities. (Mode 3.)	To add par. (c)(5) to read: (5) If the material is ammonium nitrate (organic coated), ammonium nitrate-phosphate, an ammonium nitrate mixture containing more than 60 pct ammonium nitrate, or nitro carbo nitrate in nonrigid combustible packaging and loaded in freight containers or roll-on, roll-off highway vehicles, it may be loaded or unloaded at a nonisolated facility provided that facility meets the approval of the Coast Guard captain of the port.
E 7211-No	Kerr-McGee Chemical Corp.	173.251(b)(3)	Authorizes shipments of boron tribromide in DOT specification 37A steel drums with inside glass containers suitably cushioned and meeting requirements of sec. 173.251(b)(1). (Modes 1, 2, 3, and 5.)	To add para. (b)(3) to read: (3) Specification 37A (sec. 178.131 of this subchapter) steel drums with inside glass receptacles not over 1-qt capacity each. Inside containers and cushioning must comply with para. (b)(1) of this section. Not more than 4 8-oz glass receptacles or 2 1-qt glass receptacles may be packed within 1 8-gal 37A drum. Not more than 12 8-oz glass receptacles or 6 1-qt glass receptacles may be packed within 1 30-gal 37A drum. Completed package must meet test requirements of sec. 178.131-11 of this subchapter.
E 7470-No	Cities Services Co., Hooker Chemical & Plastics Corp., U.S. Industrial Chemicals Co., Phelps Dodge Corp.	173.241(a)(3), 179.200-18(b)(1), 179.201-1(a).	Authorizes shipments of various corrosive liquids in DOT specification 103AW, 103BW, 111A60W2, 111A100W2, and 111A100W5 tank car tanks having bursting pressure increased from 45 to 60 lb/in <sup>2</sup> on 103AW, 103BW, and 111A60W2 cars and from 75 to 100 lb/in <sup>2</sup> on 111A100W2 and 111A100W5 cars. (Mode 2.)	To revise para. (a)(3) to read: (3) Outage requirements for tank cars. In tank cars, outage must be calculated to percentage of the total capacity of the tank; i.e., shell and dome capacity combined. If the dome of the tank car does not provide sufficient outage, then vacant space must be left in the shell to make up the required outage. The outage for tank cars must not be less than 2 pct except that the outage for specification 103A, 103B, 103C, 103E, 103A-AL, 103C-AL, 104AW, 103CW, 103EW, 103ANW, 103A-ALW, tank cars must not be less than 1 pct.
		179.200-18(b)(1)	To increase the vent bursting pressure to not more than 100 pct of tank test pressure.	To revise para. (b)(1) to read: (1) When permitted in sec. 179.201-1, each tank or compartment used for the transportation of corrosive liquids, flammable solids, oxidizing materials, or poisonous liquids or solids, class B, need not be equipped with safety relief valves, but if not so equipped shall have 1 safety vent at least 1 1/4 in inside diameter, of an approved design which will prevent interchange with fixtures prescribed in sec. 179.200-18(a), and closed with a frangible disk of lead or other approved material of a thickness that will rupture at not more than 100 pct of tank test pressure. Means for holding disk in place shall be such as to prevent distortion or damage to disk when applied. Safety vent closure shall be chained or otherwise fastened to prevent misplacement. All tanks equipped with vents shall be stenciled NOT FOR FLAMMABLE LIQUIDS.
		179.201-1		To revise the individual specification requirements in sec. 179.201-1 to read:
E 7711-No	Illinois Central Gulf R.R.	174.25(a)(2)(i)	Authorizes the use of the capital letter "X" instead of asterisks (*) or the symbol for number (#).	To revise par. (a)(2)(i) to read: (i) In letters not less than 3/8 of an inch high, or (ii) In bold, uppercase letters not less than 1/4 of an inch high inside a rectangle made with any symbol such as asterisks (*), dollar sign (\$), capital (X), or the symbol for number (#).
E 7810-X	Allied Chemical Corp.	173.314(c)	Authorizes shipments of dichlorodifluoromethane in DOT specification 106A500 and 106A500X multi-unit tank car tanks. (Mode 3.)	To revise note 7 to read: Note 7: Specification 106A or 110A tanks authorized only for transportation by rail freight, cargo vessel, and highway. (See 174.204, 176.200, and 177.834(m) of this subchapter for special requirements.)
	Miller Transporters, Inc.	173.119(m)(11)	Requests authority to transport acrylonitrile, a flammable liquid which is also poisonous, in DOT specifications MC 305 and MC 306 cargo tanks. (Mode 1.)	To revise par. (m)(11) to read: (11) Specification MC 305, MC 306, or MC 307 (secs. 178.340, 178.341, 178.342 of this subchapter). Tank motor vehicle meeting sec. 178.343-2(c) of this subchapter. Not authorized for flammable liquids which are also organic peroxides.