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AUTHORITY: 49 U.S.C. 20103, 20107, 20148 and 21301; 28 U.S.C. 2461, note; and 49 CFR 1.49.

SOURCE: 70 FR 62176, Oct. 28, 2005, unless otherwise noted.

**Subpart A—General****§ 224.1 Purpose and scope.**

(a) The purpose of this part is to reduce highway-rail grade crossing accidents and deaths, injuries, and property damage resulting from those accidents, by enhancing the conspicuity of rail freight rolling stock so as to increase its detectability by motor vehicle operators at night and under conditions of poor visibility.

(b) In order to achieve cost-effective mitigation of collision risk at highway-rail grade crossings, this part establishes the duties of freight rolling stock owners (including those who manage maintenance of freight rolling stock, supply freight rolling stock for transportation, or offer freight rolling stock in transportation) and railroads to progressively apply retroreflective material to freight rolling stock, and to periodically inspect and maintain that material. Freight rolling stock owners, however, are under no duty to install, clean or otherwise maintain, or repair reflective material except as specified in this part.

(c) This part establishes a schedule for the application of retroreflective material to rail freight rolling stock

and prescribes standards for the application, inspection, and maintenance of retroreflective material to rail freight rolling stock for the purpose of enhancing its detectability at highway-rail grade crossings. This part does not restrict a freight rolling stock owner or railroad from applying retroreflective material to freight rolling stock for other purposes if not inconsistent with the recognizable pattern required by this part.

**§ 224.3 Applicability.**

This part applies to all railroad freight cars and locomotives that operate over a public or private highway-rail grade crossing and are used for revenue or work train service, except:

- (a) Freight rolling stock that operates only on track inside an installation that is not part of the general railroad system of transportation;
- (b) Rapid transit operations in an urban area that are not connected to the general railroad system of transportation;
- (c) Locomotives and passenger cars used exclusively in passenger service; or
- (d) Freight rolling stock that is subject to a reflectorization requirement promulgated by another Federal agency.

**§ 224.5 Definitions.**

*Administrator* means the Administrator of the Federal Railroad Administration or the Administrator's delegate.

*Associate Administrator* means the Associate Administrator for Safety, Federal Railroad Administration, or the Associate Administrator's delegate.

*Damaged* means scratched, broken, chipped, peeled, or delaminated.

*Flat car* means a car having a flat floor or deck on the underframe with no sides, ends or roof (including spine cars, articulated and mult-unit intermodal cars).

*Freight rolling stock means:*

- (1) Any locomotive subject to part 229 of this chapter used to haul or switch freight cars (whether in revenue or work train service); and
- (2) Any railroad freight car (whether used in revenue or work train service).