

## **Part 223—Safety Glazing Standards-Locomotives, Passenger Cars and Caboose**

### **Subpart A General (223.1 - 223.7)**

### **Subpart B Specific Requirements (223.8 - 223.17)**

#### §223.5 Definitions.

As used in this part-

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

Caboose means a car in a freight train intended to provide transportation for crewmembers.

Certified glazing means a glazing material that has been certified by the manufacturer as having met the testing requirements set forth in Appendix A of this part and that has been installed in such a manner that it will perform its intended function.

Designated service means exclusive operation of a locomotive under the following conditions:

(1) The locomotive is not used as an independent unit or the controlling unit is a consist of locomotives except when moving for the purpose of servicing or repair within a single yard area;

(2) The locomotive is not occupied by operating or deadhead crews outside a single yard area; and

(3) The locomotive is stenciled "Designated Service - DO NOT OCCUPY".

Emergency responder means a member of a police or fire department, or other organization involved with public safety charged with providing or coordinating emergency services, who responds to a passenger train emergency.

Emergency window means that segment of a side facing glazing location which has been designed to permit rapid and easy removal during a crisis situation.

End facing glazing location means any location where a line perpendicular to the plane of the glazing material makes a horizontal angle of 50 degrees or less with the centerline of the locomotive, caboose or passenger car. Any location which, due to curvature of the glazing material, can meet the criteria for either a front facing location or a side facing location shall be considered a front facing location.

FRA means the Federal Railroad Administration.

Locomotive means a self-propelled unit of equipment designed primarily for moving other equipment. It does not include self-propelled passenger cars.

Locomotive cab means that portion of the superstructure designed to be occupied by the crew while operating the locomotive.

Passenger car means a unit of rail rolling equipment intended to provide transportation for members of the general public and includes self-propelled cars designed to carry baggage, mail, express or passengers. This term includes a passenger coach, cab car, and an MU locomotive. This term does not include a private car.

Passenger train service means the transportation of persons (other than employees, contractors, or persons riding equipment to observe or monitor railroad operations) in intercity passenger service or commuter or other short-haul passenger service in a metropolitan or suburban area.

Person includes all categories of entities covered under 1 U.S.C. 1, including, but not limited to, a railroad; any manager, supervisor, official, or other employee or agent of a railroad; any owner, manufacturer, lessor, or lessee of railroad equipment, track, or facilities; any passenger, any trespasser or nontrespasser; any independent contractor providing goods or services to a railroad; and any employee of such owner, manufacturer, lessor, lessee, or independent contractor. Railroad means:

(1) Any form of non-highway ground transportation that runs on rails or electromagnetic guideways, including

(i) Commuter or other short-haul rail passenger service in a metropolitan or suburban area and commuter railroad service that was operated by the Consolidated Rail Corporation on January 1, 1979, and

(ii) High speed ground transportation systems that connect metropolitan areas, without regard to whether those systems use new technologies not associated with traditional railroads, but does not include rapid transit operations in an urban area that are not connected to the general railroad system of transportation and

(2) A person that provides railroad transportation, whether directly or by contracting out operation of the railroad to another person.

Rebuilt locomotive, caboose or passenger car means a locomotive, caboose or passenger car that has undergone overhaul which has been identified by the railroad as a capital expense under Surface Transportation Board accounting standards.

Side facing glazing location means any location where a line perpendicular to the plane of the glazing material makes an angle of more than 50 degrees with the centerline of the locomotive, caboose or passenger car.

Windshield means the combination of individual units of glazing material of the locomotive, passenger car, or caboose that are positioned in an end facing glazing location.

Yard is a system of auxiliary tracks used exclusively for the classification of passenger or freight cars according to commodity or destination; assembling of cars for train movement; storage of cars; or repair of equipment.

Yard caboose means a caboose that is used exclusively in a single yard area.

Yard locomotive means a locomotive that is operated only to perform switching functions within a single yard area.

[44 FR 77352, Dec. 31, 1979; 45 FR 49271, July 24, 1980; 63 FR 24630, May 04, 1998; 63 FR 36376, July 06, 1998]

#### §223.9 Requirements for new or rebuilt equipment.

(a) Locomotives, including yard locomotives, built or rebuilt after June 30, 1980, must be equipped with certified glazing in all locomotive cab windows.

(b) Caboose, including yard cabooses, built or rebuilt after June 30, 1980, must be equipped with certified glazing in all windows.

(c) Passenger cars, including self-propelled passenger cars, built or rebuilt after June 30, 1980, must be equipped with certified glazing in all windows and at least four emergency opening windows.

(d) Marking. Each railroad providing passenger train service shall ensure that for each passenger car, except for self-propelled cars designed to carry baggage, mail, or express:

(1) Each emergency window is conspicuously and legibly marked with luminescent material on the inside of each car to facilitate passenger egress. Each such railroad shall post clear and legible operating instructions at or near each such exit.

(2) Each window intended for emergency access by emergency responders for extrication of passengers is marked with a retroreflective, unique, and easily recognizable symbol or other clear marking. Each such railroad shall post clear and understandable window-access instructions either at each such window or at each end of the car.

[44 FR 77352, Dec. 31, 1979, as amended at 45 FR 49271, July 24, 1980; 63 FR 24630, May 04, 1998]