



Inspector(s):	Inspection Location:	Date:	Region:
Builder:	Car Initials & Number:	Car Type:	Builder Job #

Item	Number - Dimensions - Location - Manner of Application <small>(All brackets used solely to support safety appliances are mechanically fastened per MP&E TB 98-14)</small>	CFR Reference*	Notes
Hand Brake	<input type="checkbox"/> Each passenger-train car shall be equipped with an efficient hand brake, which shall operate in harmony with the power brake thereon. <input type="checkbox"/> Each hand brake shall be so located that it can be safely operated while car is in motion. Except for a private cars, all passenger equipment, including MU locomotives, shall be equipped with a hand brake that meets the requirements for hand brakes contained in Part 231 of this chapter and that can: <input type="checkbox"/> Be applied or activated by hand. <input type="checkbox"/> Be released by hand. <input type="checkbox"/> Hold the loaded unit on the maximum grade anticipated by the operating railroad.	231.13(a)(1) 231.13(a)(2) 238.231(h)(2) 238.231(h)(2)(i) 238.231(h)(2)(ii) 238.231(h)(2)(iii)	
End Handholds	<input type="checkbox"/> Four. <input type="checkbox"/> Minimum diameter, 5/8 of an inch, wrought iron or steel ¹ . <input type="checkbox"/> Minimum clear length, 16 inches. <input type="checkbox"/> Minimum clearance, two inches. <input type="checkbox"/> Handholds shall be flush with or project not more than one inch beyond surface of end sill. <input type="checkbox"/> Horizontal, one near each side of each end on face of platform end sill, projecting downward. <input type="checkbox"/> Clearance of outer end of handhold shall be not more than 16 inches from end of end sill. <input type="checkbox"/> End-handholds shall be securely fastened with bolts or rivets.	231.13(b)(1) 231.13(b)(2) 231.13(b)(3) 231.13(b)(4)	
End Platform Handholds	<input type="checkbox"/> Four. (Cars equipped with safety gates do not require end-platform handholds.) <input type="checkbox"/> Minimum clearance, 2 inches, metal. <input type="checkbox"/> Horizontal from or near door post to a point not more than 12 inches from corner of car, then approximately vertical to a point not more than 6 inches from top of platform. <input type="checkbox"/> Horizontal portion shall be not less than 24 inches in length nor more than 40 inches above platform. <input type="checkbox"/> End-platform handholds shall be securely fastened with bolts, rivets, or screws.	231.13(c)(1) 231.13(c)(2) 231.13(c)(3) 231.13(c)(4)	
Uncoupling Levers	<input type="checkbox"/> Uncoupling attachments shall be applied so they can be operated by a person standing on the ground. <input type="checkbox"/> Minimum length of ground uncoupling attachment, 42 inches, measured from center of end of car to handle of attachment. <input type="checkbox"/> On passenger-train cars used in freight or mixed-train service, the uncoupling attachment shall be so applied that the coupler can be operated from left side of car.	231.13(d)(1) 231.13(d)(2) 231.13(d)(3)	

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Other	<input type="checkbox"/> Ensure all brake components are located so that an inspection can be safely conducted without an inspector placing himself in a precarious or unsafe position, <i>(TB MP&E 98-32)</i> . <input type="checkbox"/> Check for any sharp or protruding objects or areas on the equipment that may create a safety concern or personal injury. <input type="checkbox"/> Check for potential pinch points at all safety appliance arrangements. <input type="checkbox"/> Check to ensure that all brackets used solely to support a safety appliance are mechanically fastened. The use of weld on brackets is prohibited. <input type="checkbox"/> Check to ensure compliance with all applicable federal regulations . <input type="checkbox"/> Verify coupler height 31½ inch minimum, 34½ inch maximum ~ allow up to, but no more than one inch over the maximum height for settling of new truck components.	231.31(a)(1)	
Digital Photos	<input type="checkbox"/> General Arrangement Photo Sheet ~ No Deviations Noted (six photos minimum, A & B ends, each corner at 45 degree angle) <input type="checkbox"/> Deviation Photo Sheet ~ Deviations Noted: As many photos as necessary to fully depict, document and illustrate CFR deviations (e.g. 221, 223, 229, 238 & 239)		

* The CFR reference sections noted throughout the check list refers to the *actual* regulatory requirement.

Footnotes:

- 1 TB MP&E 98-18 Ladder treads, handholds of circular cross-section, 13/16 inch diameter and sill steps, 5/8 inch thick and 2 inches wide, when constructed of 6061-T6 aluminum alloy exceeds the current Federal Railroad Administration's requirements.

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