Federal Railroad Administration, DOT

§ 238.111 Pre-revenue service acceptance testing plan.

(a) **Passenger equipment that has previously been used in revenue service in the United States.** For passenger equipment that has previously been used in revenue service in the United States, each railroad shall test the equipment on its railroad to ensure the compatibility of the equipment with the railroad’s operating system (including the track, and signal system). A description of such testing shall be retained by the railroad and made available to FRA for inspection and copying upon request. For purposes of this paragraph, passenger equipment that has previously been used in revenue service in the United States means:

1. The actual equipment used in such service;
2. Equipment manufactured identically to that actual equipment; and
3. Equipment manufactured similarly to that actual equipment with no material differences in safety-critical components or systems.

(b) **Passenger equipment that has not been used in revenue service in the United States.** Before using passenger equipment for the first time on its system that has not been used in revenue service in the United States, each railroad shall:

1. Prepare a pre-revenue service acceptance testing plan for the equipment which contains the following elements:
   (i) An identification of any waivers of FRA or other Federal safety regulations required for the testing or for revenue service operation of the equipment;
   (ii) A clear statement of the test objectives. One of the principal test objectives shall be to demonstrate that the equipment meets the safety requirements specified in this part when operated in the environment in which it is to be used;
   (iii) A planned schedule for conducting the testing;
   (iv) A description of the railroad property or facilities to be used to conduct the testing;
   (v) A detailed description of how the testing is to be conducted, including a description of the criteria to be used to evaluate the equipment’s performance;
   (vi) A description of how the test results are to be recorded;
   (vii) A description of any special instrumentation to be used during the tests;
   (viii) A description of the information or data to be obtained;
§ 238.112 Door emergency egress and rescue access systems.

Except as provided in § 238.439—

(a) Each powered, exterior side door in a vestibule that is partitioned from the passenger compartment of a passenger car shall have a manual override device that is:

(1) Capable of releasing the door to permit it to be opened without power from inside the car;

(2) Located adjacent to the door which it controls; and

(3) Designed and maintained so that a person may readily access and operate the override device from inside the car without requiring the use of a tool or other implement. If the door is dual-leaved, only one of the door leaves is required to respond to the manual override device.

(b) Each Tier I passenger car ordered on or after September 8, 2000, or placed in service for the first time on or after September 9, 2002, and all Tier II passenger cars shall have a minimum of