

locomotive engineers or a certified train service engineer determined by the controlling railroad to have the necessary knowledge concerning the controlling railroad's operating rules and to have the necessary operating skills including familiarity with its physical characteristics concerning the joint operations territory.

(f) A railroad that is responsible for controlling the conduct of joint operations with another railroad may permit a certified locomotive engineer to operate a locomotive in any class of train or engine service without determining that the person has been certified as a qualified locomotive engineer for the purposes of joint operations when a minimal joint operation is involved. For the purposes of this section a minimal joint operation exists when a locomotive or train belonging to one railroad is being operated on the same track on which operations are conducted by the railroad controlling operations, under the following conditions:

(1) The maximum authorized speed for operations on the track does not exceed 20 miles per hour;

(2) The track is other than a main track;

(3) Operations are conducted under operating rules that require every locomotive and train to proceed at a speed that permits stopping within one half the range of vision of the locomotive engineer; and

(4) The maximum distance for joint operations on the track does not exceed one mile.

[56 FR 28254, June 19, 1991, as amended at 58 FR 19003, Apr. 9, 1993; 64 FR 60993, Nov. 8, 1999]

**§ 240.231 Requirements for locomotive engineers unfamiliar with physical characteristics in other than joint operations.**

(a) Except as provided in paragraph (b) of this section, no locomotive engineer shall operate a locomotive over a territory unless he or she is qualified on the physical characteristics of the territory pursuant to the railroad's certification program.

(b) Except as provided in paragraph (c) of this section, if a locomotive engineer lacks qualification on the phys-

ical characteristics required by paragraph (a) of this section, he or she shall be assisted by a pilot qualified over the territory pursuant to the railroad's certification program.

(1) For a locomotive engineer who has never been qualified on the physical characteristics of the territory over which he or she is to operate a locomotive or train, the pilot shall be a person qualified and certified as a locomotive engineer who is not an assigned crew member.

(2) For a locomotive engineer who was previously qualified on the physical characteristics of the territory over which he or she is to operate a locomotive or train, but whose qualification has expired, the pilot may be any person, who is not an assigned crew member, qualified on the physical characteristics of the territory.

(c) Pilots are not required if the movement is on a section of track with an average grade of less than 1% over 3 continuous miles, and

(1) The track is other than a main track; or

(2) The maximum distance the locomotive or train will be operated does not exceed one mile; or

(3) The maximum authorized speed for any operation on the track does not exceed 20 miles per hour; or

(4) Operations are conducted under operating rules that require every locomotive and train to proceed at a speed that permits stopping within one half the range of vision of the locomotive engineer.

[64 FR 60993, Nov. 8, 1999]

**Subpart D—Administration of the Certification Programs**

**§ 240.301 Replacement of certificates.**

A railroad shall have a system for the prompt replacement of lost, stolen or mutilated certificates and that system shall be reasonably accessible to certified locomotive engineers in need of a replacement certificate.

**§ 240.303 Operational monitoring requirements.**

(a) After December 31, 1991, each railroad to which this part applies shall, prior to FRA approval of its program