

conduct independent inspections of locomotives and air brake systems for the purpose of determining compliance with applicable sections of the Safety Glazing Standards (49 CFR part 223), Locomotive Safety Standards (49 CFR part 229), Safety Appliance Standards (49 CFR part 231) and Power Brake Standards (49 CFR part 232), to make reports of those inspections and to recommend the institution of enforcement actions when appropriate to promote compliance.

(b) The locomotive inspector is required, at a minimum, to have at least four years of experience in locomotive construction or maintenance. A bachelor's degree in mechanical engineering or a related technical specialization may be substituted for two of the four years of this experience requirement and successful completion of the apprentice training program may be substituted for the four year experience requirement.

(c) The locomotive inspector shall demonstrate the following specific qualifications:

(1) A comprehensive knowledge of construction, testing, inspecting and repair of locomotive and air brakes;

(2) The ability to understand and detect deviations from:

(i) Railroad equipment maintenance standards accepted in the industry; and

(ii) Safety Glazing Standards, Locomotive Safety Standards, Safety Appliance Standards and Power Brake Standards;

(3) The knowledge of railroad operating procedures associated with the operation of locomotives and air brakes sufficient to understand the safety significance of deviations and combinations of deviations; and

(4) Specialized knowledge of proper remedial action to be taken in order to bring defective locomotives, and air brakes into compliance with applicable Federal standards.

**§212.217 Car inspector.**

(a) The car inspector is required, at a minimum, to be able to conduct independent inspections of railroad rolling stock for the purpose of determining compliance with all sections of the Freight Car Safety Standards (49 CFR part 215), Safety Glazing Standards (49

CFR part 223), Safety Appliance Standards (49 CFR part 231) and Power Brake Standards (49 CFR part 232), to make reports of those inspections and to recommend the institution of enforcement actions when appropriate to promote compliance.

(b) The car inspector is required, at a minimum, to have at least two years of recent experience in freight car or passenger car construction, maintenance or inspection. Successful completion of the apprentice training program may be substituted for this two year experience requirement.

(c) The car inspector shall demonstrate the following specific qualifications:

(1) A comprehensive knowledge of the construction and testing of freight and passenger cars and air brakes;

(2) The ability to understand and detect deviations from:

(i) Railroad freight and passenger car maintenance standards accepted in the industry; and

(ii) The Freight Car Safety Standards (49 CFR part 215), Safety Glazing Standards (49 CFR part 223), Safety Appliance Standards (49 CFR part 231) and Power Brake Standards (49 CFR part 232);

(3) The knowledge of railroad operating procedures associated with the operation of freight and passenger cars and air brakes sufficient to understand the safety significance of deviations and combinations of deviations; and

(4) Specialized knowledge of proper remedial action to be taken in order to bring defective freight and passenger car equipment and air brakes into compliance with applicable Federal standards.

**§212.219 Apprentice MP&E inspector.**

(a) The apprentice MP&E inspector must be enrolled in a program of training prescribed by the Associate Administrator leading to qualification as an MP&E inspector. The apprentice may not participate in investigative and surveillance activities, except as an assistant to a qualified State or FRA inspector while accompanying that qualified inspector.

(b) An apprentice MP&E inspector shall demonstrate basic knowledge of

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railroad equipment and air brake inspection, testing and maintenance, prior to being enrolled in the program.

### §212.221 Operating practices inspector.

(a) The operating practices inspector is required, at a minimum, to be able to conduct independent inspections for the purpose of determining compliance with all sections of the Federal operating practice regulations (49 CFR parts 217, 218, 219, 220, 221, 225 and 228) and the Hours of Service Act (45 U.S.C. 61-64b), to make reports of those inspections, and to recommend the institution of enforcement actions when appropriate to promote compliance.

(b) The operating practices inspector is required at a minimum to have at least four years of recent experience in developing or administering railroad operating rules. Successful completion of the apprentice training program may be substituted for this four year experience requirement.

(c) The operating practices inspector shall demonstrate the following specific qualifications:

(1) A comprehensive knowledge of railroad operating practices, railroad operating rules, duties of railroad employees, and general railroad nomenclature;

(2) The ability to understand and detect deviations from:

(i) Railroad operating rules accepted in the industry; and

(ii) Federal operating practice regulations;

(3) Knowledge of operating practices and rules sufficient to understand the safety significance of deviations; and

(4) Specialized knowledge of the requirements of the Federal operating practices regulations listed in paragraph (a) of this section, including the remedial action required to bring railroad operations into compliance with the regulations.

[47 FR 41051, Sept. 16, 1982, as amended at 50 FR 31578, Aug. 2, 1985]

### §212.223 Operating practices compliance inspector.

(a) The operating practices compliance inspector is required, at a minimum, to be able to conduct independent inspections for the purpose of

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determining compliance with the requirements of the following:

(1) Operating Rules—blue flag (49 CFR part 218);

(2) Control of Alcohol and Drug Use (49 CFR part 219);

(3) Rear End Marking Device Regulations (49 CFR part 221);

(4) Railroad accidents/incidents: reports classification and investigations (49 CFR part 225); and

(5) Hours of Service Act (45 U.S.C. 61-64b) and implementing regulations (49 CFR part 228); to make reports of those inspections and to recommend the institution of enforcement actions when appropriate to promote compliance.

(b) The operating practices compliance inspector is required, at a minimum, to have at least two years of recent experience in developing or administering railroad operating rules. Successful completion of the apprentice training program may be substituted for the two year experience requirement.

(c) The compliance inspector shall demonstrate the following specific qualifications.

(1) A basic knowledge of railroad operations, duties of railroad employees and general railroad safety as it relates to the protection of railroad employees;

(2) A basic knowledge of railroad rules and practices;

(3) The ability to understand and detect deviations from the requirements cited in paragraph (a) of this section; and

(4) Specialized knowledge of the requirements of the Federal operating practices regulations listed in paragraph (a) of this section, including the remedial action required to bring defective conditions into compliance with the applicable Federal standards.

[47 FR 41051, Sept. 16, 1982, as amended at 50 FR 31578, Aug. 2, 1985]

### §212.225 Apprentice operating practices inspector.

(a) The apprentice operating practices inspector must be enrolled in a program of training prescribed by the Associate Administrator leading to qualification as an inspector. The apprentice inspector may not participate