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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

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in investigative and surveillance activities, except as an assistant to a qualified State or FRA inspector while accompanying that qualified inspector.

(b) An apprentice operating practices inspector shall demonstrate basic knowledge of railroad operating practices, railroad operating rules and general duties of railroad employees prior to being enrolled in the program.

§ 212.227 Hazardous materials inspector.

(a) The hazardous materials inspector is required, at a minimum, to be able to conduct independent inspections to determine compliance with all pertinent sections of the Federal hazardous materials regulations (49 CFR parts 171 through 174, and 179), to make reports of those inspections and findings, and to recommend the institution of enforcement actions when appropriate to promote compliance.

(b) The hazardous materials inspector is required, at a minimum, to have at least two years of recent experience in developing, administering, or performing managerial functions related to compliance with the hazardous materials regulations; four years of recent experience in performing functions related to compliance with the hazardous materials regulations; or a bachelor's degree in a related technical specialization. Successful completion of the apprentice training program may be substituted for this requirement.

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

(1) A comprehensive knowledge of the transportation and operating procedures employed in the railroad, shipping, or manufacturing industries associated with the transportation of hazardous materials;

(2) Knowledge and ability to understand and detect deviations from the Department of Transportation's Hazardous Materials Regulations, including Federal requirements and industry standards for the manufacturing of bulk packaging used in the transportation of hazardous materials by railroad;

(3) Knowledge of the physical and chemical properties and chemical haz-

ards associated with hazardous materials that are transported by railroad;

(4) Knowledge of the proper remedial actions required to bring railroad, shipper, and/or manufacturing facilities into compliance with the Federal regulations; and

(5) Knowledge of the proper remedial actions required when a hazardous materials transportation accident or incident occurs.

[57 FR 28115, June 24, 1992]

§ 212.229 Apprentice hazardous materials inspector.

(a) The apprentice hazardous materials inspector must be enrolled in a program of training prescribed by the Associate Administrator for Safety leading to qualification as a hazardous materials 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 hazardous materials inspector shall demonstrate a basic knowledge of the chemical hazards associated with hazardous materials that are transported by railroad, including requirements such as shipping papers, marking, labeling, placarding, and the manufacturing and maintenance of packagings associated with these shipments.

[57 FR 28116, June 24, 1992]

§ 212.231 Highway-rail grade crossing inspector.

(a) The highway-rail grade crossing inspector is required, at a minimum, to be able to conduct independent inspections of all types of highway-rail grade crossing warning systems for the purpose of determining compliance with Grade Crossing Signal System Safety Rules (49 CFR part 234), to make reports of those inspections, and to recommend institution of enforcement actions when appropriate to promote compliance.

(b) The highway-rail grade crossing inspector is required, at a minimum, to have at least four years of recent experience in highway-rail grade crossing