

**Federal Railroad Administration, DOT**

**§ 212.231**

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