# On-the-Job Training Standards For New Hire Track Persons Designated to Inspect Track

February 12, 2019

### Foreword

The OJT tasks identified below assumes a continuous and ongoing positive conversation between the designated instructor / qualified person and trainee. It means enough opportunity for conversational feedback before, during, and after any task is undertaken. The purpose of this conversation is to ensure learning transfer occurs. Depending on task complexity and learner skill level, most adults gain mastery of new skills through practice and repetition. OJT standards provide the basis for measuring mastery of new skills in a fair and objective manner. It is understood that many of the tasks below are presented in a manner that may suggest non-complying conditions must be present for the trainee to demonstrate proficiency. That is not the case and it is for this reason that a positive conversation between teacher and learner is encouraged throughout the OJT process.

Please also note that there is no obligation under 49 CFR Part 243 for employers to train safety-related railroad employees on skills they will never apply in connection with their duties. For example, if an employee will not be required to perform duties in passenger service, no training on those tasks is required.

# On-the-Job Training Roles and Responsibilities – Example Template

- 1. The **designated instructor** serves as the overall coordinator of the specific OJT program and is primarily responsible for:
  - Acting as the principal point of contact for the process, and ensuring the process is properly implemented.
  - Ensuring that all trainees and qualified persons involved in the OJT process have received hard copies of the OJT program or electronic copies of the checklist.
  - Providing guidance to both the trainee and qualified person in the process once they have received the OJT program.
  - Ensuring that trainees have access to all the supporting publications listed in this OJT program.
  - Ensuring the trainee has successfully completed all safety-related tasks to become a qualified member of an occupational category or subcategory.
- 2. The qualified person (sometimes referred to as a peer trainer) may serve as the mentor/coach for trainees. The qualified person must be qualified and has a duty to communicate with the trainees to ensure OJT is properly administered throughout the process. The qualified person will also provide daily briefings at the beginning and end of each day regarding the specific tasks focused on during that day. The trainee may perform OJT under the direct onsite observation of any qualified person, provided the qualified person has been advised of the circumstances and is capable of intervening if an unsafe act or noncompliance with Federal railroad safety laws, regulations, or orders is observed. However, the trainee must demonstrate OJT proficiency to the satisfaction of the designated instructor to become a qualified member of an occupational category or subcategory. A designated instructor and qualified person can be the same person.
- 3. The **trainee** (new hire) has the responsibility to pay close attention to the qualified person providing OJT, and to take advantage of the knowledge and experience he or she has to offer. Tracking progress of the OJT is essential and is the trainee's responsibility. Trainees should be aware of, and abide by, the following:
  - The designated instructor and/or qualified person will provide practical information and advice on the requirements and responsibilities of assigned duties.
  - Trainees are responsible for completing any narrative and self-study assignments outside the scope of this OJT program. Additional assignments are an integral part of the training experience and must be completed before being deemed qualified by the employer.
  - To gain the maximum benefit from the OJT experience, trainees should:
    - o Remain alert and involved in the training activities.
    - Ask questions and learn from feedback.
    - Take notes and apply previous lessons.
    - o Complete all required assignments.
    - o Become familiar with and comply with FRA regulations, railroad safety rules, and other procedures

mandated as a condition of employment by the employer.

- Develop and maintain a learning attitude.
- The OJT experience is designed to be much more than following a qualified person around and watching what he or she does. Trainees must take an active role in the OJT and thoroughly engage in the various job tasks outlined in this OJT program.
- Expect the qualified person to say, "Here, you give it a try." Remember, while progressing through the OJT program, trainees can learn skills, to develop knowledge, and to adopt work habits and routines that will last throughout a railroad career.
- Tracking and documenting OJT progress is an essential process step.

### Guidelines for On-the-Job Training Program Coordination and Administration

In most cases, the first week or so of employment will involve administrative details and an overall orientation. Although it is understood that a trainee's duties may overlap with other organizational requirements, each day of OJT should focus on one of the major duties of the OJT program to the extent possible. Once the tasks have been selected, there should be both an initial briefing on the tasks to be completed at the beginning and end of each day.

- The purpose of the debriefing is to go through the day's activities, and to focus on each of the tasks associated with the task selected.
- There is no required sequential order for completing the OJT associated with any task, and no attempt is
  made to prioritize any tasks. Although OJT should be focused on a task, it is anticipated that the task
  standards will be accomplished based on available training opportunities.

**Important Note:** Although OJT is a critical aspect of 49 CFR Part 243, FRA will consider, on a case by case basis, alternate approaches to OJT in lieu of the traditional approach (*see 49 CFR § 243.5- On-the-job training*). For example, some employers or training organizations may have access to state of the art indoor/outdoor training facilities that permit students to practice tasks that require neuromuscular coordination to learn in a controlled environment with minimal or no risk of personal injury. Other approaches may include; classroom practical exercises, role play, lab simulation, virtual reality (VR), and other emerging technologies. While FRA does encourage alternate approaches to OJT to lessen the risk of personal injury exposure to students, enough detail must be included in the submission and satisfy the regulatory requirements of 49 CFR § 243.101(d) (1-3).

## OJT - Apply 49 CFR Part 213 Subparts A-F

### NOTE 1:

- All inspectors should have access to the reference material to use in the performance of their duties:
  - Track Safety Standards (TSS)
  - o FRA Compliance manual, and
  - o Field guide (The Railway Educational Bureau)

### NOTE 2:

- For record keeping purposes defect codes or general descriptions can be used.
  - o The codes reflect the subsection and paragraph referenced in the Track Safety Standards.
  - o Descriptions are a generalization of the referenced material.

Apply 49 CFR Part 213 Subparts A-F		
<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Task 1 § 213.1 - Scope:  Demonstrate an understanding of the general scope of the Track Safety Standards (TSS) Part 213 – Subparts A – F and the requirements for compliance.	Given an opportunity to attend classroom training, and or complete desktop exercises as determined by a Designated Instructor/Qualified Person; the trainee will be able to:	Summarize to the satisfaction of the Designated Instructor/Qualified Person his or her basic understanding of the minimum track safety standards (TSS), demonstrate the ability to correctly reference these standards in the performance of their duties and using the reference material determine the proper remedial action to safely compensate for deviations from the TSS.
Task 2 § 213.3 – Application: Demonstrate understanding where the track safety standards are applicable.	Given an opportunity to attend classroom training, and or complete desktop exercises as determined by a Designated Instructor/Qualified Person; the trainee will be able to:	Explain to the satisfaction of the Designated Instructor/Qualified Person if the track is part of the general system of railroads or a plant railroad. This determination will enable the trainee to demonstrate to the Designated Instructor/Qualified Person trainee can identify and properly inspect the track for accordance with minimum safety standards.

Apply 49 CFR Part 213 Subparts A-F			
<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy	
Task 3 § 213.4 - Excepted track:  Demonstrate proficiency with understanding the requirements of Excepted track.  Note: The determination to designate track as "excepted" is generally a function of owner, manager or designee.	Given an opportunity to attend classroom training and or complete desktop exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:	Demonstrate or explain with 100 percent accuracy, and to the satisfaction of the Designated Instructor/Qualified Person if a segment of track is designated as "excepted" that segment meets criteria required in this part.    The track segment is identified on an appropriate record.     The track segment located within 30 feet of an adjacent track subject to simultaneous operation at speeds in excess of 10 mph.     The track is inspected in accordance with §213.233(c) and 213.235 as specified for Class 1 track.     If the identified track is located on a bridge, approaching a bridge or located on a public street or highway with cars that are required to be placarded (49 CFR Part 172).     The railroad conducts operations under the following conditions:     Train speeds do not exceed 10 mph.     There is no occupied passenger train(s).     There are no more than 5 placarded cars on a train.     The gage on the track does not exceed allowable.     The railroad failed to notify FRA of removal of trackage from "excepted" status.    213 4.A Excepted track not identified   213 4.B Except track within 30 ft. of track with speed more than 10 mph   214 4.E Except track within 30 ft. of track with speed more than 10 mph   215 4.E Except track not inspected at Class 1 track requirements   216 4.E Except track not inspected at Class 1 track requirements   217 4.E Docupied passenger train on excepted   218 4.E More than 5 cars placarded moved on excepted   219 4.E More than 5 cars placarded moved on excepted   210 4.E More than 5 cars placarded moved on excepted	

Apply 49 CFR Part 213 Subparts A-F		
<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Task 4 § 213.5 - Responsibility for Compliance:  Demonstrate understanding of Responsibility for Compliance	Given an opportunity to attend classroom training and or complete desktop exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:	Demonstrate or explain with 100 percent accuracy, and to the satisfaction of the Designated Instructor/Qualified Person trainee knows and understands the requirements and responsibility for compliance with this part.    If the trainee knows or has knowledge the track does not comply with the minimum standards trainee can –   Bring the track into compliance   Halt operations   Operate under the direction of a designated qualified person   Understand what operations may continue without repair if the track is designated as "excepted".   Determine if responsibility for the track has been assigned to a third party.   Determine who is responsible for compliance (owner or the assignee)   Demonstrate that he, she or any contractor understands that any function required by this part (213) perform that function in accordance with this part.

Apply 49 CFR Part 213 Sub	Apply 49 CFR Part 213 Subparts A-F		
<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy	
Task 5 § 213.7 : Designation of qualified persons to supervise certain renewals and inspect track:	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person the trainee will be able to:	Demonstrate to the satisfaction of the Designated Instructor/Qualified Person trainee has achieved proficiency in the knowledge and skills of understanding the safety standards and can comply with the requirements of this part; in doing so the trainee will be designated as qualified to -	
Note: This section is essential to owners, managers, supervisors or designees to know and understand the requirement for the designation and the basis of that designation.  Note: *213.7(c) is not required unless the track is constructed with Continuous Welded Rail (CWR).		□ 213.7(a) – supervise restoration and renewal. □ 213.7(b) – Inspect track. □ 213.7(c) – Inspect, install, adjust or maintain CWR*. □ 213.7(d) – Allow persons not fully qualified to pass trains and pull-a-parts.  213 7.A2 Failure to demonstrate knowledge inspection 213 7.A3 Failure to have written authorization for renewal 213 7.B Failure to use qualified person 213 7.B2 Failure to demonstrate knowledge 213 7.B3 Failure written author for inspection 213 7.C Failure to use qualified for CWR 213 7.C2 Failure to complete comp. CWR training 213 7.C3 Failure to demonstrate knowledge for CWR 213 7.C4 Failure written authorization inspect CWR 213 7.D Non-qualified person passing trains over broken rails or pull apart 213 7.D2 Train speed over 10 mph over broken rail or pull apart 213 7.D4 Not promptly notifying dispatch of broken rail or pull apart 213 7.D4 Failure to maintain records of designations	
Task 6 § 213.9 - Classes of track; operating speed limits:  Demonstrate proficiency with the requirements of classes of track; operating speed limits and inspecting to the designated class.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will be able to:	Demonstrate to the satisfaction to the Designated Instructor/Qualified Person trainee can inspect track to the class for which the speed is designated and safely compensate for any non-compliant conditions.     213.9(a)  213.9(b)  213.9 B1 Failure to restore within 30 days 213.9 B2 Failure to enforce limiting conditions	

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<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	Standards Time, Completeness, or Accuracy	
Task 7 § 213.11 - Restoration or renewal of - track under traffic conditions:  Demonstrate proficiency with the requirements of restoration or renewal of track under traffic conditions.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will be able to:	Demonstrate to the satisfaction of the Designated Instructor/Qualified Person trainee can make restorations or renewals under traffic conditions.  □ A qualified person (213.7) made the repairs and or supervised the restoration.  □ When the track was returned to service did the track meet all the requirements of Part 213 Subparts A − F for that class of track.	
Task 8 § 213.13 - Measuring track not under load:  Note: this is a critical component of all track inspections.  Demonstrate the ability to measure track under load.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will XX occasions, be able to use measurement tools such as:  Tape measure Level board Taper or step gauge String line	Take measurements with 95 percent accuracy and to the satisfaction of the Designated Instructor/Qualified Person of unloaded track and demonstrate proficiency by adding the amount of rail movement to the unloaded track.  *Note: This includes the amount of vertical or lateral rail deflection occurring between a rail base and base and a tie plate or a tie plate and a crosstie; from voids between the crosstie and ballast section resulting from elastic compression; or any combinations of the above. Each deflection under the running rails must be measured and properly considered when computing the collective deviations under load.  213 13 Track not measured under load	

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<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy	
Task 9 § 213.14 - Application of requirements to curved track:	Given an opportunity to attend classroom training by a Designated Instructor/Qualified Person; the trainee will be able to:	Explain to the satisfaction of the Designated Instructor/Qualified Person his or her general understanding that the requirements specified for curved track apply only to track having a curvature greater than 0.25 degrees.	
Demonstrate a knowledge and understanding of the application of the TSS to curved track.			
Task 10 § 213.33 - Drainage:  Demonstrate proficiency with the requirements for track drainage.  Note: All 213.7 designated qualified employees must understand this rule is intended for drainage or other water carrying facilities under or immediately adjacent to the tracks.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:	Find at least 95 percent of the defects related to drainage identified by Designated Instructor/Qualified Person, and discuss, to the satisfaction of the Designated Instructor/Qualified Person, defects, documentation, and safely compensate for all deviations related to drainage.  Drainage or water-carrying facility not maintained. Drainage or water-carrying facility obstructed by debris. Drainage or water-carrying facility collapsed. Drainage or water-carrying facility obstructed by vegetation. Drainage or water-carrying facility obstructed by silting. Drainage or water-carrying facility deteriorated to allow subgrade saturation. Uncontrolled water undercutting track structure or embankment.	

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<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Task 11 § 213.37 - Vegetation:  Demonstrate proficiency with the requirements of vegetation.  Note: All 213.7 designated qualified employees must understand this rule is intended for vegetation under or immediately adjacent to the tracks.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:	Find at least 95 percent of the defects identified by Designated Instructor/Qualified Person, and/or demonstrate to the satisfaction of the Designated Instructor/Qualified Person that trainee can identify, document and safely compensate for all deviations identified related to vegetation and does not:  Become a fire hazard.  Obstruct visibility of railroad signs and signals:  Along the right of way, and  At highway-rail crossings.  Interfere with trackside duties.  Prevent the proper functioning of signal and communication lines.  Prevent visual inspections of moving equipment.  213 37.A Combustible vegetation around structures 213 37.B1 Vegetation obstructs visibility of signs and signals 213 37.C2 Vegetation interferes with trackside duties 213 37.C3 Vegetation interferes with trackside duties 213 37.C3 Vegetation interferes with trackside duties 213 37.C3 Vegetation intowpaths and around switches 213 37.D1 Vegetation at meeting points 213 37.E2 Vegetation at meeting points 213 37.E3 Vegetation brushing rolling stock

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Task 12 § 213.53 - Gage:  Demonstrate proficiency with the requirements of gage.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:  Tool Example:  Tape Measure	Demonstrate to the satisfaction of the Designated Instructor/Qualified Person that trainee can identify with 95 percent accuracy, points of concern, measure, document and safely compensate for all deviations, including the ability to:  Determine a point of concern for measuring. Take a measurement; including the rail movement – if any. Assure the measurement does not exceed the allowable limit for the class of track being inspected. Assure the measurement is not less than allowable.  Assure the measurement is not less than allowable.  Call 53.A Gage measurement improper Tight gage on tangent Tight gage on tangent Tight gage on curved track Tight gage on excepted	
Task 13 § 213.55 - Alinement:  Demonstrate proficiency with the requirements of alinement.  Note: §213.55(b) Omitted In the current regulation paragraph (b) deals with railroads operating at a cant deficiency >5 inches and is not addressed in this model.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:  Tool Example:  Tape Measure String line	Demonstrate to the satisfaction of the Designated Instructor/Qualified Person that trainee can measure with 100 percent accuracy, alignment, including the ability to:  ☐ Know the proper application and use of a string line in tangent and curved track. ☐ Determination of the degree of a curve using a 62' chord. ☐ Determine the point of concern for measuring. ☐ Determine the number of stations required (tangent or curve). ☐ Take a measurement including the rail movement — if any. ☐ Assure the measurement (alignment) does not exceed the allowable limit for the class of track being inspected.  213 55.A1 Alinement deviation tangent Track (62 ft) 213 55.A2 Alinement deviation curved track (62 ft) 213 55.A3 Alignment deviation Class 3-5 (31 ft)	

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<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Task 14 § 213.57 (a) (b) - Curves, elevations and speed limitations  Demonstrate proficiency with the requirements of – curves, elevations and speed limitations.  Note: 213.57 (c)-(i) Omitted In this current regulation it discusses vehicles operating at 4 inches or greater cant deficiency and is not addressed in this model.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:  Tool Example:  Tape Measure String line Level board Reference material (3 inch unbalance table)	Demonstrate to the satisfaction of the Designated Instructor/Qualified Person that trainee can measure with 100 percent accuracy, curves and elevations to determine speed, including the ability to:  □ Know the maximum allowable elevation of the outside rail in a curve for the class of track being inspected. □ Be proficient in reading and understanding the V-max formula (Reference Table). □ Calibrate and use the proper tool(s) for measuring (level board). □ Determine the degree of a curve using a 62' chord.  213 57.A1 Maximum cross level on curve Class 1&2 exceeds allowable 213 57.B1 Operating speed exceeds allowable 3" unbalance 213 57.C1 Operating speed exceeds allowable 4" unbalance 213 57.D Operating speed exceeds allowable for FRA approved unbalance

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Task 15 § 213.59 - Elevation of curved track; runoff  Demonstrate proficiency with the requirements of Elevation of curved track; runoff.  Note: 213.59 (b) Omitted In this current regulation Paragraph (b) addresses railroads operating at a cant deficiency > 5 inches and is not addressed in this model.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:  Tool Example:  Tape Measure String line Level board	Demonstrate to the satisfaction of the Designated Instructor/Qualified Person that trainee can identify with 100 percent accuracy, the elevation of a curve, including the ability to:  □ Determine the degree of a curve using a 62' chord. □ Determine the elevation of the curve. □ Use the table to determine the maximum speed for a curve. □ Determine that where fixed physical conditions exist the minimum elevation is used to determine the maximum allowable speed. □ Elevation runoff is at a uniform rate.

Apply 49 CFR Part 213 Subparts A-F		
<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Task 16 § 213.63 - Track Surface  Demonstrate proficiency with the requirements of track surface.  Note:  When determining whether curved track is in compliance with the TSS, inspectors should consider § 213.57, 213.59, and 213.63 in conjunction with one another.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:  Tool Example:  Tape Measure String line Level board	Demonstrate to the Designated Instructor/Qualified Person that trainee can identify with 100 percent accuracy, track surface conditions, including the ability to:  Read and understand the table referenced in this section (Table§213.63).  Identify the point of concern for a surface condition.  Use the proper tool(s) and measure the condition properly:  Runoff (31').  Uniform profile on either rail.  Zero crosslevel (tangent); reverse crosslevel (curves).  Crosslevel between twp. points <62' apart (warp).  *Variation of crosslevel) in spirals per 31'.  Harmonics (table foot note).  *Where determined by engineering decision  13 63.A1 Runoff in 31 ft exceeds allowable (end of raise) 213 63.A3 Deviation from uniform profile exceeds allowable 213 63.A4 Reverse elevation exceeds allowable 213 63.A5 Warp on tangent exceeds allowable 213 63.A6 Warp in spirals exceeds allowable 213 63.A7 Warp in spirals exceeds allowable 213 63.A9 Warp in spirals exceeds allowable 213 63.A9 Warp elevation over 6" exceeds allowable 213 63.A1 Crosslevel 6 consecutive joints Class 2-5

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<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Task 17 § 213.103 - Ballast, general:  Demonstrate proficiency with the requirements of ballast.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:	Demonstrate to the satisfaction of the Designated Instructor/Qualified Person that trainee can identify with 95 percent accuracy, that the track is supported by a material (ballast) that will:  Transmit and distribute the load to the subgrade.  Restrain the track laterally, longitudinally and vertically under dynamic loads and or thermal conditions.  Provide adequate drainage.  Maintain proper tack crosslevel, surface and alinement  213 103.A Fouled or insufficient ballast not transmitting loads 213 103.B Fouled or insufficient ballast not restraining track 213 103.C Fouled ballast failing to drain 213 103.D Fouled or insufficient ballast restraining geometry

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<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Task 18-1 § 213.109(a) (b) (c) - Crossties:  Demonstrate proficiency with the requirements of - crossties.  Note: OTHER THAN CONCRETE	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:  Tool Example:  • Tape Measure  • Ties in 39'  • Distance from a joint	With 100 percent accuracy, demonstrate to the satisfaction of the Designated Instructor/Qualified Person that trainee can determine the crosstie is effective, including:    Made of a material to which the rail can be securely fastened.   Each 39' segment has at a minimum a sufficient number of cross ties that will:   OHOLD agge to the limits of the table (§ 213.53(b). OHOLD agge to the limits prescribed (§ 213.63. OHOLD agge to the limits prescribed (§ 213.63. OHOLD agge to the limits prescribed (§ 213.55).   A minimum number of cross ties effectively distributed to support the entire segment (table).   At least one effective crosstie within the prescribed distance of a joint.   Cross ties, other than concrete, used to satisfy the set forth in the table shall not be: OBroken through. OSplit or impaired to allow the ballast to work through. OS deteriorated that the plate or base of rail can move laterally ½ inch. OCut by the plate more than 40%.

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<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy	
Task 18-2 § 213.109(d) - Concrete Crossties:  Demonstrate proficiency with the requirements of Concrete crossties.  CONCRETE  Note: This section is only required if the track is constructed with Concrete ties	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:  Tool Example:  • Tape Measure  • Ties in 39'  • Distance from a joint	Find at least 95 percent of the defects identified the Designated Instructor/Qualified Person including but not limited to:    Whether it is broken through or deteriorated to the extent that prestressing material is visible   If it is deteriorated or broken off in the vicinity of the shoulder or insert so that the fastener assembly can either pull out or move laterally more than ½ inch relative to the crosstie.    Deteriorated such that the base of either rail can move laterally more than ½ inch relative to the crosstie on curves of 2 degrees or greater; or can move laterally more than ½ inch relative to the crosstie on tangent track or curves of less than 2 degrees;   Deteriorated or abraded at any point under the rail seat to a depth of ½ inch or more;   Deteriorated such that the crosstie's fastening or anchoring system, including rail anchors (see § 213.127(b)), is unable to maintain longitudinal rail restraint, or maintain rail hold down, or maintain gage due to insufficient fastener toeload; or   Configured with less than two fasteners on the same rail except as provided in § 213.127(c).Concrete crossties broken through or deteriorated to the extent that prestressing material is present.  213 109.D1	

Apply 49 CFR Part 213 Subparts A-F		
<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Task 19 § 213.113 - Defective rails  Demonstrate proficiency with the requirements of defective rails.  Note: It is recognized that not all of the rail defects listed in the Standards column will be noted during field inspections. For that reason, this task must be performed in parallel with classroom or study in order to assure the trainee has a complete understanding of all rail defects and the proper remedial action required.  Note: All 213.7 designated qualified employees must understand that remedial action 213.9(b) is NOT an option for defective rails.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:  Tool Example:  Tape Measure  Mirror	Demonstrate to the satisfaction of the Designated Instructor/Qualified Person that trainee can identify with 100 percent accuracy, defective rail conditions and safely compensate for any of the defective rail conditions by:  Replacing or repairing the rail or Initiating the remedial action in the rail table.  Explain in sufficient detail and to the satisfaction of the qualified Supervisor or Track Inspector that trainee can identify a defective rail condition and initiate the proper remedial action as prescribed in the rail table.  213 113.A No remedial action over defective rail action as prescribed in the rail table.  214 113.B Rail not verified Rail not verified Rail 113.D Rail defect originating from bond wire Rail 113.D Rail defect originating from bond wire Rail 113.D Rail defect originating from bond wire Rail 113.D Rail Rail Rail Rail Rail Rail Rail Rail

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<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Task 20 § 213.115 - Rail end mismatch:  Demonstrate proficiency with the requirements of rail end mismatch.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:  Tool Example:  Tape Measure Straight edge	Demonstrate to the satisfaction of the Designated Instructor/Qualified Person that trainee can identify with 100 percent accuracy, rail end mismatch, including:  Properly measuring the mismatch Referencing the table for measurement and class of track, and Safely compensating for defective condition.  213 115.A1 Rail end tread mismatch 213 115.A2 Rail end tread mismatch (CWR) 213 115.A3 Rail end gage mismatch 213 115.A4 Rail end gage side mismatch (CWR)
Task § 213.118 – Continuous Welded Rail (CWR); plan approval and review:  Note: Submission of a CWR plan is generally a function of the owner, manager or designee and is required if the track is constructed with CWR.	Given a copy of their railroads CWR plan and working with a designated qualified person the trainee will be able to:	Determine to the satisfaction of the Designated Instructor/Qualified Person that the track trainee is inspecting is required to have an approved CWR plan by gaining access to the railroad's approved plan dated newer the 2009. The five steps for plan review and approval are generally:    Have a CWR plan.   Have a CWR plan.   The plan submitted to f\FRA for approval.   If the plan is older it is in effect until the new plan is approved.   The plan has an effective date.   FRA may request changes to a plan.

Apply 49 CFR Part 213 Subparts A-F		
Performance Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Yelded Rail (CWR):  Demonstrate proficiency with the requirements of 213.119 continuous welded rail (CWR); general.  Note: Required if the track is constructed with Continuous Welded Rail (CWR).  Note: This section requires "comprehensive" initial and recurrent training. The trainer must train to the railroads CWR plan submitted to FRA for approval.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:	With 100 percent accuracy, demonstrate to the satisfaction of the Designated Instructor/Qualified Person that the CWR track trainee is installing, adjusting, maintaining or inspecting complies with the content and procedures established in the railroads approved plan.  Responsibility may include:    Installation and adjustment requirements.   Anchoring and rail fastening requirements.   Joint installation and maintenance procedures.   Maintaining desired rail installation temperature range.   Procedures for curved track.   Procedures for train speed (Maintenance or Temperature changes).   When to conduct physical track inspections.   CWR joint inspection.   Comprehensive training program for written CWR procedures, with provisions for annual re-training.   Proper record keeping.   Plan availability (At job site or maintained in one manual).  213 119.A Failure to comply CWR installation 213 119.C Failure to comply CWR procedures-joint 213 119.C3 Failure to comply CWR procedures failed joint 213 119.C3 Failure to comply CWR procedures failed joint 213 119.C3 Failure to comply CWR procedures curved track 213 119.F Failure to comply CWR procedures curved track 213 119.F Failure to comply CWR procedures train speed 213 119.F Failure to comply CWR procedures train speed 213 119.H Failure to comply CWR procedures train inspection 213 119.H Failure to comply CWR procedures train inspection 213 119.H Failure to comply CWR procedures train inspection 213 119.H Failure to comply CWR procedures training 213 119.F Failure to comply CWR procedures training 213 119.F Failure to comply CWR procedures training 214 119.F Failure to comply CWR procedures training 215 119.F Failure to comply CWR procedures training 216 119.F Failure to comply CWR procedures training 217 119.F Failure to comply CWR procedures training 218 119.F Failure to comply CWR procedures training 219 119.F Failure to comply CWR procedures training

Apply 49 CFR Part 213 Subparts A-F		
<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Task 22 § 213.121 - Rail joints:  Demonstrate proficiency with the requirements of rail joints.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to –	Find at least 95 percent of the defects identified by the Designated Instructor/Qualified Person, including but not limited to:    Rail joints are of structurally sound design and dimension.     Joint bars not cracked broken or have excessive movement vertical movement in classes 3 through 5.     Joint bar is cracked or broken between the center two bolt holes.     Joint is bolted with the appropriate number of bolts for the class of track and type of rail (jointed or CWR)     Bolts are tight to firmly support the abutting rail ends.     No rail shall have a torch cut rail in classes 2 through 5.     No joint bar has been reconfigured by torch cutting in class 3 through 5.     No joint bar has been reconfigured by torch cutting in class 3 through 5.     Cracked/broken in Class 3-5 jointed track     Rail joint not sound design and dimension - jointed     Cracked/broken in Class 3-5 CWR     Rail joint not sound design and dimension - CWR     Rail joint not sound design and dimension - jointed     Cracked/broken in Class 3-5 CWR     Rail joint not sound design and dimension - jointed     Rail joint not sound design and dimension - jointed     Rail joint not sound design and dimension - jointed     Rail joint not sound design and dimension - jointed     Rail joint not sound design and dimension - jointed     Rail joint not sound design and dimension - jointed     Rail joint not sound design and dimension - jointed     Rail joint not sound design and dimension - jointed     Rail joint not sound design and dimension - jointed     Rail joint not sound design and dimension - jointed     Rail joint not sound design and dimension - jointed     Rail joint not sound design and dimension - jointed     Rail joint not sound design and dimension - jointed     Rail joint not sound design and dimension - jointed     Rail joint not sound design and dimension - jointed     Rail joint not sound design and dimension - jointed     Rail joint not sound design and dimension - jointed     Rail joint not sound design and dimension - join

Apply 49 CFR Part 213 Subparts A-F		
<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Task 23 § 213.122 – Torch cut rail:  Demonstrate proficiency with the requirements of torch cut rail.  Note: This task is dependent on the presumption of noncomplying conditions. If noncompliance is not evident, then completion of this task may be accomplished by having the trainee explain this standard to the satisfaction of the Designated Instructor/Qualified Person or inspector.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:	Demonstrate or explain to the satisfaction of the Designated Instructor/Qualified Person that trainee can identify with 100 percent accuracy the following:  ☐ Torch cut rail is not allowed in classes 3 through 5 track ☐ In the case of emergency rail may be torch cut but the speed may not exceed class 2.  213 122.Ai Torch rail applied (other than emergency) 213 122.Aii Failure to remove torch cut (Specified time) 213 122.B1 Failure to remove non-inventoried torch cut rail 213 122.B2 Train speed exceed allowable over non-inventory
Task 24 § 213.123 – Tie plates:  Demonstrate proficiency with the requirements for tie plates.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:	Demonstrated to the satisfaction of the Designated Instructor/Qualified Person trainee can identify with 95 percent accuracy, the following:  ☐ If there are an insufficient number of tie plates in Class 3 through 5 track. ☐ If here are objects between base of rail and the bearing surface of the tie plate causing concentrated load in Class 3 through 5 track.  213 123A Insufficient tie plates Class 3-5 213 123.B Concentrated load

Apply 49 CFR Part 213 Subparts A-F		
<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Task 25 § 213.127 – Rail fasteners:  Demonstrate proficiency with the requirements of rail fastenings.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:	Demonstrate to the satisfaction of the Designated Instructor/Qualified Person trainee can identify with 95 percent accuracy, the following:    If the fasteners effectively maintain gage within the limits prescribed in § 213.53(b).   If rail anchors are applied to concrete crossties, the combination of the crossties, fasteners, and rail anchors provide effective longitudinal restraint.   If fastener placement impedes insulated joints from performing as intended, the fastener may be modified or removed, provided that the crosstie supports the rail.    213 127.A   Failure of fasteners to maintain gage   213 127.A2   Insufficient fasteners in track segment   213 127.B   Failure of anchors to restrain rail movement   213 127.C   Failure of fasteners at IJ

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<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Task 26 § 213.133 - Turnouts and track crossings, generally:  Demonstrate proficiency with the requirements of turnouts and track crossings generally.  Note: At least one of these inspections should include track crossings if they are available during the training period.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:	Demonstrate to the satisfaction of the Designated Instructor/Qualified Person trainee can identify with 95 percent accuracy, the following:    In turnouts and track crossings, if the fastenings are intact and maintained so as to keep the components securely in place.   That each switch, frog, and guard rail is free of obstructions that may interfere with the passage of wheels.   If track is equipped with rail anchoring through and on each side of track crossings and turnouts, to restrain rail movement affecting the position of switch points and frogs. (Classes 3 through 5)   If each flangeway at turnouts and track crossings is at least 1-½ inches wide.    133.A1

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<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Task 27 § 213.135 - Switches:  Demonstrate proficiency with the requirements of switches.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:	Demonstrate to the satisfaction of the Designated Instructor/Qualified Person trainee can identify with 95 percent accuracy, the following:    That each stock rail is securely seated in switch plates, but care shall be used to avoid canting the rail by overtightening the rail braces.   That each switch point shall fit its stock rail properly in either closed position.   That lateral and vertical movement of a stock rail does not affect the fit of the switch point to the stock rail.   That broken or cracked switch point rails are subject to the requirements of § 213.113 (rails).   That each switch is maintained so that the outer edge of the wheel tread cannot contact the gage side of the stock rail.   That the heel of each switch rail is secure and the bolts in each heel are kept tight.   That each switch stand and connecting rod is securely fastened and operable without excessive lost motion.   That each throw lever shall be maintained so that it cannot be operated with the lock or keeper in place.   That each switch position indicator is clearly visible at all times.   That unusually chipped or worn switch points shall be repaired or replaced.   313.A1

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<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Task 28 § 213.137 - Frogs:  Demonstrate proficiency with the requirements of frogs.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:	Demonstrate to the satisfaction of the Designated Instructor/Qualified Person trainee can identify with 95 percent accuracy, the following:  □ What the minimum flangeway depth is allowed for frogs in Class 1 track or Classes 2 through 5.  □ If a frog point is chipped, broken, or worn more than allowable (five-eighths inch down and 6 inches back).  □ If the tread portion of a frog casting is worn down more allowable (three-eighths inch below the original contour).  □ If the frog is flange bearing.  213 137.A Insufficient Flange depth 213 137.B Frog point chipped, broken, wom in excess 213 137.C Frog tread portion wom in excess 213 137.D Use of flange bearing frog were speeds exceed 10mph 213 137.E Severe frog condition (not otherwise provided)

Apply 49 CFR Part 213 Subparts A-F			
Performance Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy	
Task 29 § 213.139 – Spring rail frogs:  Demonstrate proficiency with the requirements of spring rail frogs.  Note: This task is dependent on the presumption spring rail frogs being in use, if not, then completion of this task may be accomplished by having the trainee explain this standard to the satisfaction of the Designated Instructor/Qualified Person of inspector.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:	Demonstrate to the satisfaction of the Designated Instructor/Qualified Person trainee can identify the following spring rail frog conditions:  The outer edge of a wheel tread does not contact the gage side of a spring wing rail.  The toe of each wing rail is solidly tamped and fully and tightly bolted.  Each frog with a bolt hole defect or head-web separation shall be replaced.  Each spring shall have compression sufficient to hold the wing rail against the point rail.  The clearance between the hold-down housing and the horn shall not be more than one-fourth of an inch.  213 139.A Outer edge wheel contacting side of spring wing rail 139.B Toe of wing rail not fully bolted and tight 213 139.B Ties under wing rail not tamped 213 139.C1 Bolt hole defect in spring frog 213 139.C2 Head Web Separation in spring frog 213 139.B Insufficient compression in spring to hold wing rail 213 139.E Excessive clearance between hold down housing and horn	

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<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Task 30 § 213.141 – Self guarded frogs:  Demonstrate proficiency with the requirements of self-guarded frog.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:  Tool Example:  Straight edge  Tape measure	Demonstrate to the satisfaction of the Designated Instructor/Qualified Person trainee can identify with 95 percent accuracy, the following self-guarded frog conditions:  ☐ Measure the wear on the raised guard ☐ Wear on a self-guarded frog is not more than three-eighths of an inch. ☐ If repairs are made to a self-guarded frog without removing it from service, the guarding face shall be restored before rebuilding the point.  213 141.A Raised guard excessively worn 214 141.B Frog point rebuilt before restoring guard face
Task 31 §213.143 - Frog guard rails and guard faces; gage:  Demonstrate proficiency with the requirements of frog guard rails and guard faces; gage.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:  Tool Example:  • Tape measure	Demonstrate to the satisfaction of the Designated Instructor/Qualified Person trainee can measure with 100 percent accuracy, the guard face and guard check gauge, including:  ☐ Measuring properly ☐ Determine the minimum measurement allowed for the class of track being inspected.  213 143.A1 Guard check less than allowable 213 143.A2 Guard face exceeds allowable 213 143.A3 Cracked or broken guard rail

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<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Task 32 § 213.205 - Derails:	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated	Demonstrate to the satisfaction of the Designated Instructor/Qualified Person trainee can identify with 100 percent accuracy, the following requirements for track appliances (derails):
Demonstrate proficiency with the requirements of derails.	Instructor/Qualified Person; the trainee will on XX occasions, be able to:  Note: This task is intended to determine	<ul> <li>□ The type of derail in use</li> <li>□ Each derail is clearly visible.</li> <li>□ When in a locked position, the derail is free of lost motion.</li> </ul>
The qualified inspectors should make every effort to ensure that as many	proficiency with the following derail types: - Switch point	<ul> <li>□ Each derail functions as intended.</li> <li>□ Each derail is properly installed.</li> </ul>
variations of these derails are inspected as possible, given the characteristics of the railroad where the training occurs.	<ul><li>Spring switch point</li><li>Sliding</li><li>Hinged</li><li>Portable</li></ul>	213 205.A Derail not clearly visible 213 205.B Derail operable when locked 213 205.C1 Loose, wom or defective parts of derail 213 205.C2 Insecure derail or stand 213 205.D1 Improper size derail 213 205.D2 Improperly installed derail

Apply 49 CFR Part 213 Subparts A-F		
<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Task 33 § 213.233 – Track Inspections:  Demonstrate an understanding of the requirements of - track inspections.  Owners, Managers or their designees would normally monitor this section for compliance. The track must be inspected by a 213.7 designated qualified person.	Given an opportunity to attend classroom training by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:	Demonstrate to the satisfaction of the Designated Instructor/Qualified Person trainee can identify with 100 percent accuracy, the requirements established in this part, including:    Identifying the frequency of inspection required for the track being inspected.   Determining how the track will be traversed (On foot or by Hirail).   Identify how often the track is to be traversed.   The ability to identify deviations from the standards.   The ability to imitating the proper remedial action.   The ability to document required information.  213 233.A Track Inspected by unqualified individual Track Inspected at excessive speed 213 233.B1 One inspector more than two tracks 213 233.B2 Two inspector more than four tracks 213 233.B3i Main track not traversed within required frequency 213 233.C Failure to inspect required frequency 213 233.D Failure initiate remedial act
Task 34 § 213.235 - Inspection of switches, track crossings, and lift rail assemblies or other transition devices on moveable bridges:  Demonstrate an understanding and use of these track components.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will on XX occasions, be able to:  Tool Example:  Tape measure Straight edge	Demonstrate to the satisfaction of the Designated Instructor/Qualified Person trainee can identify with 100 percent accuracy, the requirements for the inspection of these components including:  ☐ Identify the frequency of inspection ☐ Identify the class of track to determine if the appliance must be operated during the inspection.  213 235.A1 Failure to inspect turnout at required frequency 213 235.A2 Failure to inspect track Xing at required frequency 213 235.A3 Failure to inspect lift rail at required frequency 213 235.B Failure to operate switches Class 3 to 5 213 235.C Switch, turnout, track xing not inspected before use (on foot) 213 235.C1 Track used less than once a month not inspected (on foot)

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<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Task 35 §213.237 – Inspection of rail:	Given an opportunity to attend classroom training by a Designated Instructor/Qualified Person; the trainee will be able to:	Explain with 100 percent accuracy, and to the satisfaction of the Designated Instructor/Qualified Person, trainee understands the requirement for internal rail inspection by:
Demonstrate an understanding of the requirements of inspection of rail. (Ultrasonic testing)		☐ Identifying the class of track being inspected. ☐ Determine if internal rail inspection is required.  213 237.A Failure to maintain service failure records
Note: Owners, Managers or their designees would normally monitor this section for compliance.  Note: Required if train operations exceed 25mph.		213 237.B Failure to designate rail inspection segment 213 237.B1 Failure to submit request to change rail inspection segment 213 237.C2 Failure to inspect rail at required frequency 213 237.C1 Failure to verify test of replacement rail 213 237.C2 Failure to verify test of replacement rail 213 237.C3 Failure to take proper remedial action 214 237.D1 Failure to inform FRA within timeframe 215 237.D1 Failure to take proper remedial action 216 237.D1 Failure to take proper premedial action 217 237.D1 Failure to take proper remedial action 218 237.D1 Failure to take proper remedial action 219 237.E Defective rail not properly marked 210 237.F Failure of equipment to inspect rail joints 211 237.H Failure to take proper remedial action 212 237.H Failure to take proper remedial action 213 237.H Operator not qualified
§213.238 - Qualified operator (Ultrasonic Testing)  Note: Owners, Managers or their designees would normally monitor this section for compliance	Note: This section addresses the requirements to designate ultrasonic test car operators as qualified and is only required if the railroad performs ultrasonic testing.	The current regulation is not addressed in this model.

Apply 49 CFR Part 213 Subparts A-F		
<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Task 36 § 213.239 – Special inspections:  Demonstrate proficiency with the requirements of special inspections.	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will be able to:	Demonstrate or explain to the satisfaction of the Designated Instructor/Qualified Person, trainee knows the requirements of special inspection including:  ☐ When a special inspection is required. ☐ What types of conditions are of concern
Note: This task is dependent on the presumption that a special inspection is necessary, if not, then completion of this task may be accomplished by having the trainee explain this standard to the satisfaction of the Designated Instructor/Qualified Person.		213 239.A Failure to conduct special inspections

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<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Task 37-1 § 213.241(a) (b) – Inspection records:  Demonstrate proficiency with the requirements of inspection records.  Note: (Track records)	Given an opportunity to attend classroom training, complete desktop and field exercises as determined by a Designated Instructor/Qualified Person; the trainee will be able to:	Discuss, to the satisfaction of the Designated Instructor/Qualified Person the requirements for track inspection records, including:  □ Which inspections require an inspection record. □ What information is required on a track inspection record: □ Prepared on the day of inspection. □ Signed by the person making the inspection. □ Specify the track inspected. □ Date of the inspection. □ Location and nature of any deviations. □ The remedial action taken. □ Where the records are to be kept. □ How long the records must be kept.  213 241.A Failure to keep records as required 213 241.B1 Failure to complete report the day of the inspection 213 241.B2 Failure to sign report 213 241.B3 Failure to provide required information 214 241.B4 Failure to provide required periodic or follow up CWR joint

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<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
Task 37-2* § 213.241(c) (d) – Inspection records:  Demonstrate proficiency with the requirements of inspection records.  (Rail records – Ultrasonic)  *Note: This section addresses records of Ultrasonic testing required in § 213.237. Rail defects identified by visual inspection would be documented on a track inspection record.	Given an opportunity to attend classroom training, as determined by a Designated Instructor/Qualified Person; the trainee will be able to:	Explain to the satisfaction of the Designated Instructor/Qualified Person the requirements for rail inspection records, including –  What information is required on a rail inspection record:  Date of the inspection.  Track inspected (beginning and end).  Location and type of defect found.  Size of the defect if not removed before the next train.  Initial remedial action and date thereof.  Any track not tested (invalid search).  Where the records are to be kept.  How long the records must be kept.  Records for compliance with 213.237 if, required.
Task 37-3* § 213.241(f) – Inspection records:  Demonstrate knowledge and understanding with the requirements of inspection records.  *Note: Availability.	Given an opportunity to attend classroom training, as determined by a Designated Instructor/Qualified Person; the trainee will be able to:	Explain to the satisfaction of the Designated Instructor/Qualified Person trainee knows the requirements for the availability of inspection records.  213 241.F Failure to make records available for copying

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<u>Performance</u> Tasks	Conditions Tools, Equipment, Documents, Practice	<u>Standards</u> Time, Completeness, or Accuracy
§ 213.241(e) – Inspection records:  Records for compliance with Ultrasonic inspection frequencies. § 213.241(g): Records for compliance with electronic record keeping.		These current regulations are not addressed in this model.