Track Inspection Guidelines

Course Goal  The goal of this course is to teach how to inspect track effectively and how to authorize train movement over repaired track in accordance with the specific requirements of your company. Emphasis is on classroom exercises based on field situations, with straight lecturing minimized. This course is also available for customized on-site training.

Course Objectives  Upon completion of this course, trainees will be able to:
- Interpret and apply “Rules Respecting Track Safety” to a track inspection
- Record any defects and take needed remedial action; Identify track geometry defects
- Determine priority levels as per your company standards (trainees should bring a copy of their company’s Standards or Regulations Manual for the exercises)
- Recall their standard practices and apply them to track inspection
- Define various track/train dynamics concepts.

Course Content  • Current Track Safety Rules
• Basic Elements of Track Geometry
• The Concept of Track/Train Dynamics
• Measuring and Calculating Track Geometry Deviations
• Actions required for Excessive Deviations
• Checking Track and Drainage Systems, Including Bridge Structures
• Inspection of Turnouts and Railway Crossings

Target Audience  Engineering Supervisors and Track Inspectors, Work Gang Supervisors and Foremen, Bridge & Structure Supervisors and Foremen, Tamper Operators and Work Equipment Supervisors

Pre-Requisites  Basic Track knowledge

Duration  16 Hours

Class Size  Minimum: 2
           Maximum: 12

Course Code  00022V06