

Inspection and maintenance Procedures of Plain Line

COURSE AIMS

This course is intended to provide a delegate with the relevant skills and underpinning knowledge to inspect and maintain Plain Line Track to the required Standards.

LEARNING OBJECTIVES

At the end of this course the delegates will: -

- Have a clear understanding of track construction and components of plain line track
- Be able to demonstrate an in-depth knowledge of the inspection and maintenance of the following: -
 - Earthworks
 - Track formation
 - Track drainage
 - Line and level
 - Understand the need and methods of formation treatment
- Have a clear understanding of and the relevant precautionary measures to prevent
 - Joint and rail failures
 - Track buckles
 - Rail Creep
- Have a basic understanding of plain line welding
- Be able to demonstrate a clear understanding of track inspection and reporting procedures
- Have a sound understanding of the theory and maintenance of continuous welded rail
- Be aware of Specifications and Standards relating to plain line maintenance

COURSE DURATION

Five days, Monday – Friday.

PRE-REQUISITES

There are no particular educational or competence pre-requisites for the course. However, the following factors will be of significant benefit to the delegate: -

- Prior experience of working within the Permanent Way environment
- Have a basic understanding of the track and its components

PERSONAL PROTECTIVE EQUIPMENT

This course requires the delegate to be on or near the running line, therefore, he/she **MUST** be in possession of: -

- Valid Track Safety Competence
- Protective Clothing – high visibility
- Safety Footwear

The protective equipment must comply with current safety standards.

CERTIFICATION

A Certificate of Attendance will be awarded to the delegate on completion of the course.