

Signal Engineering

Course Name

Signal Engineering Installation 1

Course Description

At the end of the training the delegate will be able to describe: How the installation activity may affect the safe operation of the railway What procedures need to be followed to ensure operational and personal safety is maintained during the work. How to avoid personal injury during the work. What each of the component parts being installed contributes to the overall operation of the system. What tools are required to complete the work and what equipment calibration is required.

Audience

This course is designed to train persons required to assemble signalling systems, sub system component parts and install and terminate wires and cables. Before attending this training a person should have successfully completed Signal Engineering Maintenance 1 and have at least 3 months workplace experience or had at least 6 months workplace experience in a Signal Engineering Team.

Duration: 10 Day(s) **Class Size:** 6

Competence Name Awarded

Assemble system and sub system component parts. Install and terminate Wires and Cables.

Competence Awarded

Sig 27; Sig 28

Course Code

Sig 27; Sig 28

Prerequisite Name

Undertake preventative maintenance of Track Circuits. Undertake preventative maintenance of Electrical Signals and AWS. Undertake preventative maintenance of Signalling Power Supplies. Undertake preventative maintenance of Signalling Cables.

Prerequisite Short Code

Sig 01; Sig 02; Sig 03; Sig 04

Skills Assessment Scheme Regime

6

Course Type

Face to Face

Download Date: 10/1/2025