

# 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**