

# Signal Engineering

**Course Name**

Mechanical Signalling Installation

**Course Description**

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. How the mechanical points and signals are designed to function under normal operating conditions. What each of the components parts contributes to the overall operation of the system.

**Audience**

This course is designed to train persons required to install and adjust mechanical points and signals. Pre-requisites: Have successfully completed Signal Maintenance 2 Has at least 2 years workplace experience.

**Duration:** 5 Day(s) **Class Size:** 6

**Competence Name Awarded**

Install and adjust Mechanical Point Operating Systems. Install and adjust Mechanical Signals.

**Competence Awarded**

Sig 32; Sig 33

**Course Code**

Sig 32; Sig 33

**Prerequisite Name**

Undertake corrective and preventative maintenance of Track Circuits Undertake corrective and preventative maintenance of Track Circuits Undertake corrective and preventative maintenance of Electrical Signals including AWS and TPWS Undertake corrective and preventative maintenance of Signalling Power Supplies Undertake corrective and preventative maintenance of Signalling Cables Take and relinquish responsibility for Signalling equipment Ensure effective progression of work and use of resources during signalling testing, maintenance or installation activities.

**Prerequisite Short Code**

Sig 05; Sig 07; Sig 13; Sig 14; Sig 23; Sig 24; Sig 25

**Skills Assessment Scheme Regime**

5

**Course Type**



Face to Face

**Download Date: 20/5/2024**