

# Signal Engineering

**Course Name**

Fundamental Level Crossing Systems eLearning

**Course Description**

This eLearning MUST be completed before attending the 1-day practical course - Fundamental Level Crossing Systems.

In this course you will be introduced to level crossings, the different types and how they operate, the maintenance and faulting procedures.

The eLearning course will cover the following theory elements:

- Level crossing orders, ground plans and signalling plans
  - The different types of level crossings
  - Inspecting and maintaining level crossing equipment
  - Diagnosing and repairing basic faults on level crossing equipment
- After completing this eLearning, you will then go on to complete a 1-day practical course which will cover the maintenance tasks and fault finding.

**Audience**

S&T; Maintenance Operatives, Maintenance Technicians.

**Duration:** 0.25 Day(s) **Class Size:**

**Competence Name Awarded****Competence Awarded****Course Code****Prerequisite Name**

Basic Electrical Safety for Signal Engineering Introduction to Level Crossings Equipment

**Prerequisite Short Code**

Sig.42, STF 90008.E

**Skills Assessment Scheme Regime****Course Type**

Elearning

**Download Date: 10/1/2025**