

# Signal Engineering

**Course Name**

ElectrologIXS interlocking, track side signalling system with Newgate Barrier Machine

**Course Description**

Provides training on the maintenance, faulting or testing of the ElectrologIXS system and Newgate Barrier Pedestal.  
This includes signalling systems components and working methods associated with maintenance of signalling assets and to develop the delegates understanding of the ElectrologIXS equipment, Multi Service Network, RSTi's, System Interrogation, Level Crossing Power Supplies and Interlocking equipment

**Audience**

Personnel whose work involves the basic maintenance of the signal engineering equipment for ElectrologIXS and Newgate Barrier Machine.

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

**Competence Name Awarded**

CCS Lx Electrologix Level Crossing Controller CCS Lx Newgate Barrier Machine  
Undertake corrective and preventative maintenance of Electronic Based Interlocking, Undertake corrective and preventative maintenance of Electronic Based Interlocking. ElectrologIXS Controller & ASM Equipment

**Competence Awarded**

SIG MAINT LX 01.105, SIG MAINT LX 01.208

**Course Code**

SIG MAINT LX 01.105, SIG MAINT LX 01.208

**Prerequisite Name**

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

**Prerequisite Short Code**

Sig 01, Sig 02, Sig 03, Sig 04, Sig 05

**Skills Assessment Scheme Regime**

6

**Course Type**

Personal Protective Equipment - Face to Face

**Download Date: 28/4/2024**