

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 Electroligix 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: 10/1/2025