

# Signal Engineering

**Course Name**

Interlocking Route Relay FLMF

**Course Description**

By the end of the course delegates will have developed a comprehensive knowledge of the following learning objectives: An understanding of what procedures need to be followed to ensure operational and personal safety is maintained during the work. An understanding of how the relay based interlocking is designed to function under normal operating conditions. An understanding of the principle differences between free wired and geographic interlockings. An understanding of the types of defect that can occur to the relay based interlocking and how to check for these defects. Able to locate and diagnose faults in relay based interlocking.

**Audience**

This course is designed to develop the delegates understanding of corrective and preventative maintenance of 850 Spec Free Wire Interlocking. Before attending this training a person should have successfully completed Signal Engineering Maintenance 1 and have at least 3 months workplace experience.

**Duration:** 10 Day(s) **Class Size:** 8

**Competence Name Awarded**

Undertake corrective and preventative maintenance of Relay Based Interlocking. Free - wired 850 spec and Free - wired pre 850 spec.

**Competence Awarded**

Sig 18; Sig 18.01; Sig 18.02

**Course Code**

Sig 18; Sig 18.01; Sig 18.02

**Prerequisite Name**

Undertake corrective and preventative maintenance of Track Circuits Undertake corrective and preventative maintenance of Electrical Signals, AWS and TPWS Undertake corrective and preventative maintenance of Rail Clamp Point Locks Undertake corrective and preventative maintenance of Signalling Power Supplies Undertake corrective and preventative maintenance of Signalling Cables Undertake initial diagnosis of failures to determine the necessary course of action Take and relinquish responsibility for signalling equipment.

**Prerequisite Short Code**

Sig 05; Sig 07; Sig 12; Sig 13; Sig 23; Sig 24; Sig 25

**Skills Assessment Scheme Regime**

**Course Type**

Face to Face

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