

# Signal Engineering

**Course Name**

Siemens Futur 2500 Radio Block Centre (RBC) 1st Line Maintenance

**Course Description**

This course is designed to train persons who are responsible for First Line Maintenance and Faulting (FLMF) on the centralised components of the Siemens Futur 2500 European Train Control System (ETCS) equipment. It is designed to develop a person's knowledge, understanding and skills and is therefore particularly suited to persons required to prove their capability in these areas.

**Audience**

S&T; technicians required to maintain this equipment. Staff should hold either; Sig 05- Undertake corrective and preventative maintenance of Track Circuits Sig 06- Undertake corrective and preventative maintenance of Axle Counters

**Duration:** 2 Day(s) **Class Size:** 4

**Competence Name Awarded**

Radio Block Centre - preventative and corrective maintenance.

**Competence Awarded**

Sig 59

**Course Code**

Sig 59

**Prerequisite Name**

Signal Maintenance Testing. Core Skills Take and relinquish responsibility for Signalling equipment Undertake corrective and preventative maintenance of Electrical Signals including AWS and TPWS Undertake corrective and preventative maintenance of Electronic Based Interlocking Undertake corrective and preventative maintenance of Electronic Based Interlocking. Ansaldo Undertake corrective and preventative maintenance of Signalling Cables Undertake corrective and preventative maintenance of Signalling Power Supplies Undertake initial diagnosis of failures to determine the necessary course of action Undertake initial diagnosis of failures to determine the necessary course of action. Fault Finding Work safely on Signalling Power Supplies.

**Prerequisite Short Code**

Sig 42; Sig 5; Sig 5.04; Sig 7; Sig 13; Sig 14; Sig 19; Sig 19.01

**Skills Assessment Scheme Regime**

5

**Course Type**



Face to Face

**Download Date: 19/5/2024**