Signal Engineering

Course Name

Signal Engineering Maintenance 2

Course Description

Signal Engineering Maintenance (SEM) 2 covers of the following individual courses over a 15 day period: A) Cables and Power Supplies FLMF (STF 025) B) Working on Operational Signalling Equipment (STF 007) C) Track Circuit DC FLMF (STF 030) D) Electrical Signals (Inc AWS) FLMF (STF 011) Additional competencies that will be awarded following SEM2, which will not be awarded on the individual courses are: A) Sig. 23 B) Sig. 23.01 C) Sig. 24. For SEM2 course content information, please view the individual courses listed above.

Audience

Personnel who are responsible for the maintenance, faulting, repairing or testing of the signal engineering equipment. Pre-requisites: - Successful completion of Signal Engineering Maintenance 1 - At least 3 months workplace experience in a signal maintenance / faulting / installation or testing environment.

Duration: 15 Day(s) **Class Size:** 6

Competence Name Awarded

Undertake corrective and preventative maintenance of Track Circuits + DC type Undertake corrective and preventative maintenance of Electrical Signals including AWS and TPWS. Undertake corrective and preventative maintenance of Signalling Power Supplies + Signalling Cables. Undertake initial diagnosis of failures to determine the necessary course of action + Fault Finding Ensure effective progression of work and use of resources during signalling testing, maintenance or installation activities. Take and relinquish responsibility for Signalling equipment. Implement and monitor safe working systems for signal engineering maintenance and renewal activities.

Competence Awarded

Sig 05; Sig 05.04; Sig 07; Sig 13; Sig 14; Sig 23; Sig 23.01; Sig 24; Sig 25; Sig 26

Course Code

Sig 05; Sig 05.04; Sig 07; Sig 13; Sig 14; Sig 23; Sig 23.01; Sig 24; Sig 25; Sig 26

Prerequisite Name

Undertake preventative maintenance of Track Circuit, Electrical Signals and AWS, Signalling Power Supplies and Signalling Cables.

Prerequisite Short Code

Sig 01; Sig 02; Sig 03; Sig 04

Skills Assessment Scheme Regime

3, 4, 5

Course Type

Face to Face