

Signal Engineering

Course Name

Hot Axle Box Detector GE FUS FLMF

Course Description

Provides an understanding of Engineering specifications associated with specific types of hot axle box detector systems and how they work under normal operating conditions; also includes maintenance, faulting, repair and testing activity as well as procedures for maintaining personal safety.

Audience

This course is designed to train persons required to undertake corrective maintenance of the GE FUS Hot Axle Box Detector system. Pre-requisite Before attending this training a person should have: Successfully completed Signal Engineering Maintenance 2, OR Other suitable similar or related training, & Attended a number of lineside equipment training courses & Not less than 2 years work experience in a signal maintenance / faulting / installation or testing environment.

Duration: 5 Day(s) **Class Size:** 6

Competence Name Awarded

Undertake corrective and preventative maintenance of Hot Axle Box Detector Systems. Undertake corrective and preventative maintenance of Hot Axle Box Detector Systems. GE FUS

Competence Awarded

Sig 22; Sig 22.01

Course Code

Sig 22; Sig 22.01

Prerequisite Name

Undertake corrective and preventative maintenance of Track Circuits Undertake corrective and preventative maintenance of Track Circuits Undertake corrective and preventative maintenance of Electrical Signals including AWS and TPWS Undertake corrective and preventative maintenance of Signalling Power Supplies Undertake corrective and preventative maintenance of Signalling Cables Take and relinquish responsibility for Signalling equipment Managing Site Safety Ensure effective progression of work and use of resources during signalling testing, maintenance or installation activities

Prerequisite Short Code

Sig 05; Sig 07; Sig 13; Sig 14; Sig 23; Sig 24; HSE T50 ; Sig 25

Skills Assessment Scheme Regime

Course Type



Face to Face

Download Date: 10/1/2025