

# Signal Engineering

**Course Name**

Track Circuit HVI FLMF

**Course Description**

To provide delegates with basic underpinning knowledge to enable them to carry out the maintenance, faulting, repairing and / or testing of Track Circuit HVI.

**Audience**

Personnel who are responsible for work involving the maintenance, faulting, repairing or testing of HVI Track Circuits. Delegates should have an understanding of the purpose of track circuits. At least 6 months workplace experience in signal maintenance / faulting / installation or testing environment.

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

**Competence Name Awarded**

Undertake corrective and preventative maintenance of Track Circuits. Undertake corrective and preventative maintenance of Track Circuits. High Voltage Impulse

**Competence Awarded**

Sig 05; Sig 05.06

**Course Code**

Sig 05; Sig 05.06

**Prerequisite Name**

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. Undertake initial diagnosis of failures to determine the necessary course of action. Ensure effective progression of work and use of resources during signalling testing, maintenance or installation activities. Take and relinquish responsibility for Signalling equipment. Work safely on Signalling Power Supplies. Signal Maintenance Testing. Core Skills

**Prerequisite Short Code**

Sig 07; Sig 13; Sig 14; Sig 23; Sig 24; Sig 25; Sig 42; SMTH.01

**Skills Assessment Scheme Regime**

4

**Course Type**

Face to Face

**Download Date: 10/1/2025**