

# Signal Engineering

**Course Name**

Installation and Testing of Semi-Automatic Track Warning System Wheel Sensors

**Course Description**

At the end of the training, delegates will be able to carry out installation faulting, testing, and preventative and corrective maintenance on the Fixed Semi-Automatic Train Warning System (SATWS) using Zollner F500/Frauscher RSR 123 Wheel Sensors.

**Audience**

S&T; Technicians across the maintenance organisation.

**Duration:** 1 Day(s) **Class Size:** 4

**Competence Name Awarded**

Treadles Core Treadles Core. Installation and Testing of SATWS Wheel Sensors

**Competence Awarded**

Sig 41, Sig 41.06

**Course Code**

Sig 41, Sig 41.06

**Prerequisite Name**

Work Safely on Signalling Power Supplies - The Safe Isolation of Signalling Power Supplies 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 Undertake initial diagnosis of failures to determine the necessary course of action. Fault Finding Treadles Core

**Prerequisite Short Code**

Sig. 42.02, Sig. 13, Sig. 14, Sig. 23, Sig. 23.01, Sig 41

**Skills Assessment Scheme Regime****Course Type**

Face to Face - Personal Protective Equipment

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