

# Signal Engineering

**Course Name**

GETS Relay Interlocking Serial Interface [RISI]

**Course Description**

At the end of this training event delegates will be able to: Carry out SMS tests / checks on the RISI system including: Confirm that control and indication bits are appropriate Signaller Alarms Logger PC Interegate indications and logger systems to identified failed parts and rectify in accordance with relevant instructions Identify critical failure modes and remedy / escalate in accordance with industry guidance.

**Audience**

To make delegates aware of the roles and responsibilities associated with the GE Transportation, RISI system and to give them the knowledge and skills necessary to carry out maintenance and faulting duties on the system using appropriate techniques in a range of circumstances in line with current industry standards.

**Duration:** 2 Day(s) **Class Size:** 6

**Competence Name Awarded**

Undertake corrective and preventative maintenance of Electronic Based Interlocking. Undertake corrective and preventative maintenance of Electronic Based Interlocking.GETS RISI

**Competence Awarded**

Sig 19; Sig 19.12

**Course Code**

Sig 19; Sig 19.12

**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 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; Sig 25

**Skills Assessment Scheme Regime**

**Course Type**



Face to Face

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