

# Signal Engineering

**Course Name**

SMTH Core Skills

**Course Description**

This course delivers the Core skills required for Signal Maintenance Testing and its associated competence.

**Audience**

Staff who will be required to undertake SMTH testing as a regular part of their work place activities

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

**Competence Name Awarded**

CCS Signal Maintenance Testing Core Skills

**Competence Awarded**

SIG MAINT TEST SMTH.a

**Course Code**

SIG MAINT TEST SMTH.a

**Prerequisite Name**

Ensure effective progression of work and use of resources during signalling testing, maintenance or installation activities. Implement and monitor safe working systems for signal engineering maintenance and renewal activities. Take and relinquish responsibility for Signalling equipment. Undertake corrective and preventative maintenance of Electrical Signals including AWS and TPWS. Undertake corrective and preventative maintenance of Signalling Cables. Undertake corrective and preventative maintenance of Signalling Power Supplies. CCS Install, Setup and Maintain Point Equipment Work safely on Signalling Power Supplies

**Prerequisite Short Code**

Sig 24, Sig 26, Sig 25, Sig 07, Sig 14, Sig 13, SIG MAINT POINTS 01, Sig 42

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

Face to Face - Personal Protective Equipment

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