

# Technical & Vocational

**Course Name**

Track Geometry Supervisor

**Course Description**

At the end of the training the delegate will be able to: - State the role and responsibilities of the TGS - Explain the principles of mechanised maintenance processes for plain line track - Identify & plan preparation work - Describe the impact of mechanised maintenance on the safe operation of the railway - Describe the information requirements to be provided to the OTM operator(s) - Identify the structure clearances that may be affected when changing track geometry - Describe the marking up procedure - Demonstrate how to manage measurement and compensation using the various computerised systems available - Demonstrate how to manage geometry offset design using the various computerised systems available - Undertake the role and responsibility of the TGS during operation of the machine - Undertake the role and responsibility of the TGS on completion of the treatment works - Describe the geometrical tolerances that must be achieved when changing/restoring track geometry - Confirm the hand back of track for safe operational use.

**Audience**

Any persons required to undertake responsibilities in line with Tr 05.

**Duration:** 4 Day(s) **Class Size:** 8

**Competence Name Awarded**

Establish track geometry and restore to operational condition by Mechanised Repair; Establish track geometry and restore to operational condition by Mechanised Repair.TGS Geometry; Establish track geometry and restore to operational condition by Mechanised Repair.TGS Measurement & Compensation; Establish track geometry and restore to operational condition by Mechanised Repair.TGS Stoneblower.

**Competence Awarded**

Tr 05; Tr 05.03; Tr 05.04; Tr 05.06

**Course Code**

Tr 05; Tr 05.03; Tr 05.04; Tr 05.06

**Prerequisite Name**

Restore track geometry by Manual Repair.

**Prerequisite Short Code**

Tr 04

**Skills Assessment Scheme Regime**

**Course Type**

Face to Face

**Download Date: 19/5/2024**