

Technical & Vocational

Course Name

Aluminothermic Welder RT3 to TW3 - Conversion

Course Description

Provides the skills and knowledge to produce TW1, TW2 & TW3 aluminothermic welds (thermit) on railway infrastructure in line with current industry standards.

Audience

For anyone currently certificated to RT1, RT2 and RT3 and who is required to produce aluminothermic welds (thermit) on the railway infrastructure.

Duration: 10 Day(s) **Class Size:** 4

Competence Name Awarded

SkV-E & F process - all rail profiles / grades - new / similar worn rail - oxy-propane / acetylene preheating; SkV-E & F process - all rail profiles / grades - new / similar dissimilar worn rail - oxy-propane / acetylene preheating; SkV-L80 wide gap process - all rail profiles / grades rail wear combinations - oxy-propane preheat.

Competence Awarded

TW1; TW2; TW3

Course Code

TW1; TW2; TW3

Prerequisite Name

PLA felt, sand mould systems and gap 68 wide gap welds, rail profiles, grades, rail wear combinations.

Prerequisite Short Code

RT1; RT2; RT3

Skills Assessment Scheme Regime

3

Course Type

Face to Face

