

DIN EN 14730-2:2021-06 (E)

Railway applications - Track - Aluminothermic welding of rails - Part 2: Qualification of aluminothermic welders, approval of contractors and acceptance of welds

Contents	Page
European foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Qualification of aluminothermic trainers and welders	7
4.1 Training requirements	7
4.2 Duration of training	7
4.3 Examination	7
4.4 Diploma	8
4.5 Permit to Weld	8
4.6 Welder identification	9
4.7 Welder records	9
5 Approval of Aluminothermic Welding Contractors	9
5.1 General	9
5.2 Welding Quality Management System	9
5.3 Welding Coordination	10
5.4 Aluminothermic Welders	10
5.5 Training	10
5.6 Equipment	10
5.7 Purchase, Management and Control of Consumables	10
5.8 Weld Inspection	10
5.9 Traceability	10
5.10 Audits	11
6 Acceptance of Aluminothermic Welds	11
6.1 General	11
6.2 Weld Inspector	11
6.3 Weld Inspection	11
6.4 Geometric Requirements	11
6.5 Weld Integrity	17
6.6 Documentation	17
Annex A (informative) Diploma in Aluminothermic Welding of Rails	18
Annex B (informative) Permit to Weld	19
Annex C (normative) Check list	20
Bibliography	21