

DIN EN 15085-6:2022-12 (E)

Railway applications - Welding of railway vehicles and components - Part 6: Maintenance welding requirements

Contents		Page
European foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	6
4	Quality requirements for welding during maintenance	7
4.1	General	7
4.2	Welding coordination	7
4.3	Conditions for welding	7
4.3.1	General	7
4.3.2	Welding outside a workshop	7
4.3.3	Welding to enable running for transfer purposes	7
4.4	Restrictions or prohibitions of welding	8
5	Design requirements for components manufactured prior to the implementation of EN 15085-3:-2 or where no manufacturing drawings exist	8
5.1	Determination of the applicable weld performance classes	8
5.2	Applicable testing requirements	9
6	Preparation before maintenance welding	10
6.1	Welding plans	10
6.2	Additional production tests on welded assemblies	10
7	Additional Requirements	10
7.1	General	10
7.2	Weld performance class CP A	10
7.2.1	General	10
7.2.2	Welding procedure specification	10
7.2.3	Additional testing	11
7.2.4	Inspection and testing of welded joint	11
7.3	Parent metals	11
7.3.1	Weldability of parent material - determination of material type/grade	11
7.3.2	Steel with ReH > 690 MPa, cold rolled steel and aluminium	11
7.3.3	Welding in cold formed areas	11
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2016/797/EU aimed to be covered		12
Bibliography		14