



Industrie Service

CERTIFICATE

Welding of railway vehicles and
components according to EN 15085-2

TÜV SÜD/15085/CL1/197/05/6A2

TÜV SÜD Industrie Service GmbH hereby certifies that the welding company

ZIEHL-ABEGG SE
Günther-Ziehl-Straße 1
74635 Kupferzell
Germany

fulfills the requirements
for the scope according to

EN 15085-2 classification level CL1
in the type of activity D, P, S

in the range indicated in the annex.

validity: 2022-11-22 until 2024-11-02

München, 2022-12-01
Place and date of issue

Lead auditor: Dipl.-Ing. (FH) WEGMANN



Certification Body
Material and Welding Technology

T. Sack

Dipl.-Ing. SACK
Deputy head of certification body



EQ3229578

TÜV SÜD Industrie Service GmbH, Westendstr. 199, 80686 Munich, Germany



Scope of the certificate

Scope:

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Remarks
131	22 23	t = 1.5 - 12 mm t = 1.3 - 8 mm	FW, BW: t= 1,5-4 mm FW, robot
135	1.1 10 2.2 3.1 8	t = 3 - 30 mm t = 1.4 - 10 mm t = 0.7 - 12 mm t = 3 - 12 mm t = 1 - 7 mm	FW FW robot: t= 1-12 mm FW -
141	10 2.1 8 22 23	t = 1.4 - 10 mm t = 1 - 10 mm t = 1 - 10 mm t = 3 - 12 mm t = 0.8 - 3 mm	FW; BW: t= 1,6-6,0 mm FW FW, BW: t= 1-4,0 mm FW FW
153	1.1 1.2 2.1 8.1	t = 1.5 - 6 mm D ≥ 150 mm t = 1 - 4 mm D ≥ 150 mm t = 2 - 5.2 mm D ≥ 150 mm t = 1 - 5.2 mm D ≥ 150 mm	- - - -
212	1.1	D = 3 mm	material DX51+Z

Area of Application:

- New build of railway vehicles and their components
- fans, fan parts and equipment

Responsible welding coordinator(s):

Christoph Lehnert, Level A (IWE)

1st deputy(ies) of the responsible welding coordinator(s):

Beatrice Fröhlich, Level A (IWE)

Others deputies:

-

Remarks:

The welding coordinator Christoph Lehnert is entitled to test welders / operators in accordance with the relevant standards within the scope of this certificate.

Register no.:

TÜV SÜD/15085/CL1/197/05/6A2

General provisions:

The current version of the TÜV SÜD Group's testing and certification regulations apply.