



CERTIFICATE

Welding of railway vehicles and
components according to EN 15085-2:2020

TÜV SÜD/15085/CL1/824/20/1

TÜV SÜD Industrie Service GmbH hereby certifies that the welding company

SPIROFLEX d.o.o.
Ljudevita Gaja, 7
35208 Ruščica
Croatia

fulfills the requirements
for the scope according to

EN 15085-2:2020 classification level CL1
in the type of activity D, P, S

in the range indicated in the annex.

validity: 2024-02-27 until 2026-11-26

München, 2024-02-27
Place and date of issue

Lead auditor: Dipl.-Ing. JELAČIĆ



EQ3077091



Certification Body
Material and Welding Technology

T. Sack

Dipl.-Ing. SACK
Deputy head of certification body



Scope of the certificate

Scope:

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Remarks
141	8.1 8.1	t = 0.11 - 2.5 mm t = 1.1 - 3 mm D ≥ 25 mm	machine BW; FW: T1=2,1-6mm T2=9,5-37mm; D>=109,5mm
141/135	8.1	t = 3 - 14 mm D ≥ 84.1 mm	machine
142	43 8.1/43 8.1 8.1	t = 0.1 - 0.3 mm t = 0.35 - 0.55 mm D ≥ 25 mm t = 0.11 - 0.6 mm t = 0.35 - 1.3 mm D ≥ 25 mm	automatic FW automatic (raised edges) t2=0,10-0,44mm BW; automatic FW automatic (raised edges) t2=0,09-0,05mm
142/141	8.1/1.1, 8.1	t = 1.4 - 4 mm	FW (raised edges) t2>=5mm
15	43, 8.1	t = 0.08 - 0.3 mm	BW

Area of Application:

- New build of railway vehicles and their components
 - metal bellows, expansion joints, flexible hoses
- Design of components for railway vehicles
- Purchase and supply of welded components

Responsible welding coordinator(s):

Josip Majić, Level A (IWE) [external]

born: 1985-10-30

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

Tihomir Vidović, Level C

born: 1983-10-10

Others deputies:

Ivan Kokanović, Level A (IWE) [external]

born: 1972-06-05

Remarks:

Register no.:

TÜV SÜD/15085/CL1/824/20/1

General provisions:

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