



CERTIFICATE

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

SVS/15085/CL1/029/07/6

Schweizerischer Verein für Schweißtechnik hereby certifies that the welding
company

unimec fabrikations ag
Motorenstrasse 100
8621 Wetzikon
Switzerland

fulfills the requirements
for the scope according to

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

in the range indicated in the annex.

validity: 2023-09-12 until 2026-09-11

Basel, 2023-09-11
Place and date of issue

Lead auditor: B.Sc. WILKE



D. SUTTER
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
131	22/23 23 23	t = 1 - 30 mm t = 1 - 6 mm t = 3 - 20 mm	FW, partly mechanized BW/FW, partly mechanized FW, fully mechanized, robot
135	1.2 2 2 2 8 8	t = 3 - 20 mm D ≥ 50 mm t = 3 - 12 mm D ≥ 8 mm t = 3 - 24 mm t = 3 - 24 mm t = 2 - 15 mm t ≥ 3 mm	BW, fully mechanized, robot - fully mechanized BW, partly mechanized FW, fully mechanized, robot FW, partly mechanized
141	1.2 22 23 8/1.2 8 8 8 8 8	t = 1 - 8 mm t = 1 - 4 mm D ≥ 500 mm t = 3 - 10 mm t = 3 - 12 mm t = 3 - 12 mm t ≥ 1.4 mm t = 1.4 - 2.6 mm D ≥ 25 mm t = 3 - 7.2 mm	BW/FW FW BW/FW BW/FW - BW, robot BW FW, fully mechanized, robot
142	8	t = 1.4 - 2.6 mm	fully mechanized, Orbital
21	22, 8.1	t = 3 mm	-

Area of Application:

- New build of components for railway vehicles
 - of bogie components, general carriage linings and interior components
- Design of components for railway vehicles

Responsible welding coordinator(s):

Dipl.-Ing. René Girardier, Level A (IWE) [external] born: 1966-01-07

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

Andrea Bressi, Level B (IWS) born: 1961-08-20

Others deputies:

Jonas Locher, Level C (IWS) born: 1984-10-03

Remarks:

“Small manufacturer with a single welding shop“

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

Register no.:

SVS/15085/CL1/029/07/6

General provisions:

The General Terms and Conditions of the Schweizerischer Verein für Schweißtechnik apply in the currently valid version.