



C E R T I F I C A T E

Welding of railway vehicles and components according to
EN 15085-2:2020+A2:2025

SVS/15085/CL1/029/07/7

The Swiss Welding Association 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 classification level CL1
in the type of activity P

in the range indicated in the annex.

validity: 2026-09-12 until 2029-09-11

Basel, 2026-09-12
Place and date of issue

Lead auditor: B.Sc. WILKE



Dipl.-Ing. SUTTER
Head of certification body



Scope of the certificate

Scope:

Welding process according to EN ISO 4063	Material group according to EN ISO 15608	Dimensions	Remarks
131	22.3/23.1	t = 1 - 30 mm	FW
	23.1	t = 1 - 6 mm	-
		t = 3 - 20 mm	FW, fully mechanized, robot
135	1.2	t = 10 - 40 mm	BW
		t = 3 - 20 mm	BW, fully mechanized, robot
		D ≥ 50 mm	
	2.1	t = 3 - 12 mm	FW
		D ≥ 8 mm	
		t = 3 - 24 mm	BW
	8.1	t = 3 - 24 mm	FW, BW, fully mechanized
		t = 2 - 15 mm	FW, fully mechanized, robot
		t ≥ 3 mm	FW
		t = 3 - 24 mm	BW
141	1.2	t = 1 - 8 mm	-
	11.2	t = 9 - 42 mm	FW, t1 = 9 - 36 mm t2 = 10.5 - 42 mm
	22.3	t = 1 - 4 mm	FW
	23.1	D ≥ 500 mm	
		t = 3 - 10 mm	FW, BW
	72.2/8.3	D ≥ 500 mm	FW, t1 = 3 - 8 mm t2 = ≥ 5 mm
		t = 2.1 - 37 mm	FW, t1 = 2.1 - 6 mm t2 = 3 - 37 mm
	8.1	D ≥ 500 mm	
		t ≥ 1.4 mm	BW, fully mechanized, robot
		t = 1.4 - 2.6 mm	BW
		D ≥ 25 mm	
		t = 3 - 7.2 mm	FW, fully mechanized, robot
	8.1/1.2	t = 3 - 12 mm	FW, BW
		-	
142	8.1	t = 1.4 - 2.6 mm	fully mechanized, Orbital
21	22.3, 8.1	t = 3 mm	-
783	1.2	t ≥ 1.75 mm	dw = 9 mm, cross-section area: 63,5 mm2 dw = 10 mm, cross-section area: 78,5 mm2

Area of Application:

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

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):

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

Others deputies:

Rolf Lüthi, Level C (IWS) born: 1976-04-15

Remarks:

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



Scope of the certificate

Register no.:

SVS/15085/CL1/029/07/7

General provisions:

The General Terms and Conditions of the Swiss Welding Association apply in the currently valid version.

Schweizerischer Verein für Schweisstechnik, St. Alban-Rheinweg 222, 4052 Basel,
Switzerland, <http://www.svs.ch>

