



CERTIFICATE

Welding of railway vehicles and components according to
EN 15085-2:2020+A1:2023

SVS/15085/CL1/087/11/5

The Swiss Welding Association hereby certifies that the welding company

Sefag Components AG
Werkstrasse 7
6102 Malters
Switzerland

fulfills the requirements
for the scope according to

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

in the range indicated in the annex.

validity: 2024-08-16 until 2027-08-15

Basel, 2024-08-16
Place and date of issue

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



Dipl.-Ing. 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
141	22.3	t = 3 - 10 mm D ≥ 25 mm	FW, BW
	22.3	t = 3 - 10 mm D ≥ 500 mm	FW, BW
	31	t = 3 - 20 mm	-
	8.1	t = 1.5 - 10 mm	FW, BW

Area of Application:

- Welding of copper busbars and aluminium joints for rail vehicles (without design)

Responsible welding coordinator(s):

B.Eng. Erdem Tas, Level A (IWE) [external]

born: 1987-04-27

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

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Others deputies:

Isa Jonuzi, Level C

born: 1987-10-15

Remarks:

The repair concerns only the side flaps

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

Register no.:

SVS/15085/CL1/087/11/5

General provisions:

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