



# CERTIFICATE

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

ZE-16083-01-00-EN15085-2016.0077.005

DVS ZERT hereby certifies that the company

**SYKATEC GmbH**  
**Frauenauracher Straße 80**  
**91056 Erlangen**  
**Germany**

fulfills the requirements  
for the scope according to

**EN 15085-2 certification level CL1**

in the range indicated on the reverse.

validity: 18.06.2020 until 17.05.2022

Düsseldorf, 18.06.2020  
Place and date of issue

Dipl.-Ing. (FH) Haberberger  
Lead Assessor

A handwritten signature in blue ink, appearing to read 'Gurschke', written over a horizontal line.

Dipl.-Ing. Gurschke  
Head of certification body

## Scope of the certificate

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### Scope:

Welding process acc. to EN ISO 4063	Material class/group acc. to CEN ISO/TR 15608	Dimensions	Remarks
131	22.3	t = 1.5 - 6 mm	FW
	23	t = 2 - 20 mm	BW
	23	t = 3 - 20 mm	FW
135	1.2	t = 1.5 - 10 mm	BW
	1.2, 1.4	t = 1.5 - 60 mm	FW
	1.3	t = 1.5 - 2.5 mm	BW
	1.3	t = 1.5 - 3 mm	FW
	1.4, 8	t = 1.5 - 8 mm	BW
	8	t = 1.5 - 20 mm	FW
138	1.2	t ≥ 5 mm	FW
	1.2	t = 7.5 - 30 mm	BW
141	1.2/8.1	t = 3 - 10 mm	BW
	1.2/8.1	t = 3 - 10 mm	FW
	1.4	t = 1.5 - 3 mm	-
	8	t = 1.5 - 3 mm	BW
	23	t = 1.5 - 6 mm	-
	23	D ≥ 30 mm	-
	8	t = 3 - 20 mm	-
21	1.3	t = 1.5 - 2 mm	-
	1.4, 8	t = 1 - 3 mm	-
	22	t = 1.5 - 3 mm	-
23	1.3/1.1	-	M4 - M10
	1.4	-	M3 - M12
	8	-	M3 - M10
43	23	t = 20 mm	acc. to WPQR
	23	t = 23 mm	acc. to WPQR
52	1.2, 8	t = 1.5 - 5 mm	-
	1.3, 1.4	t = 1.5 - 2.5 mm	-
783	1.2	D = 6 mm	-
786	1.3/8	-	M3 - M6
	1.4, 8	-	M3 - M8
	22	-	M5

### Area of Application:

- New construction of assemblies and components for rail vehicles
- assemblies: underfloor containers, support frames, roof containers, self-supporting equipment boxes
- except design

### Responsible Welding Coordinator(s):

Dieter Thellmann (EWE)

born: 14.08.1962

### Deputy with equal rights:

Simona Payer (IWE)

born: 19.01.1968



## Scope of the certificate

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<b>Representative:</b>	Nico Haferlandt Viktor Kirchgessner (IWS)	born: 07.07.1995 born: 27.11.1980
<b>Remarks:</b>	The conditions to carry out the welder tests and the operator tests acc. to ISO 9606-1, ISO 9606-2 and ISO 14732 for Mr. Dieter Thellmann and Mr. Nico Haferlandt exist.	
<b>registration ON EN15085:</b>	DVSZERT/15085/CL1/077/1A1/16	

### General provisions:

It apply the conditions of the standard EN 15085-2:2007, section 7.

The General Terms and Conditions of the DVS ZERT GmbH apply in the currently valid version.