



# CERTIFICATE

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

ZE-16083-01-00-EN15085-2017.0302.001

DVS ZERT hereby certifies that the company

**Hennigsdorfer Stahl Engineering GmbH**  
**Veltener Str. 45**  
**16761 Hennigsdorf**  
**GERMANY**

fulfills the requirements  
for the scope according to

**EN 15085-2 certification level CL1**

in the range indicated on the reverse.

validity: 01.10.2017 until 30.09.2020

Düsseldorf, 29.09.2017  
Place and date of issue

Dipl.-Ing. (FH) Deichgräber  
Lead Assessor

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

Dipl.-Ing. Gurschke  
Head of certification body

## Scope of the certificate

ZE-16083-01-00-EN15085-2017.0302.001

### Scope:

Welding process acc. to EN ISO 4063	Material class/group acc. to CEN ISO/TR 15608	Dimensions	Remarks
111	1.2 72/1.2, 72/8	t = 3 - 20 mm t = 3 - 20 mm	- FW
131	22 23	t = 30 - 80 mm t = 3 - 33 mm	FW -
135	1.2 10 3.1 8	t = 2 - 120 mm t = 2 - 6 mm t = 8 - 30 mm t = 1 - 40 mm	- - - -
141	2.1, 22, 23 8	t = 1 - 6 mm t = 1 - 8 mm	- -
21	1.2, 23, 8	t = 1 - 3 mm	-
23	1.2, 8	t = 1 - 6 mm	M3 - M12
785	2.1, 8	t >= 2 mm	M5 - M10
786	2.1 23 8	t = 1.5 - 2 mm t >= 3 mm t >= 1.5 mm	M5 M5 M5

### Area of Application:

- New construction of assemblies, components for rail vehicles - assemblies: cab, platforms, reducing agent tanks, substructures, bogies, roofs, sidewalls and battery cases
- except design
- repairing according to DIN 27201-6

### Responsible Welding Coordinator(s):

Waldemar Hoppe (EWE)

born: 04.12.1957

### Deputy with equal rights:

Stephan Jäntsich (IWE)

born: 21.02.1976

### Representative:

Dieter Krause (Level C)

born: 05.08.1961

Harald Münzel (EWS)

born: 05.12.1958

Udo Schirmer (IWE)

born: 02.02.1968

### Remarks:

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. Waldemar Hoppe and Mr. Stephan Jäntsich exist.

### registration ON EN15085:

DVSZERT/15085/CL1/302/0/17

### 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.