



CERTIFICATE

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

ZE-16083-01-00-EN15085-2017.0178.011

DVS ZERT GmbH hereby certifies that the welding company

**Friedrich Hippe
Maschinenfabrik und Gerätebau GmbH
Töpferstraße 25
49170 Hagen a.T.W.
Germany**

fulfills the requirements
for the scope according to

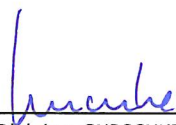
**EN 15085-2 classification level CL1
in the type of activity D, P, S**

in the range indicated in the annex.

validity: 2025-05-17 until 2028-05-16

Düsseldorf, 2025-05-16
Place and date of issue

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


Dipl.-Ing. GURSCHKE
Head of certification body

Scope of the certificate

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Scope:

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Remarks
111	1.1	t = 3 - 20 mm	-
131	23	t = 2 - 20 mm	-
135	- - 1.1 1.2 1.2/8.1, 8.1 1.2 1.2 1.2 1.2 2.2 3.1	t = 0.75 - 3 mm t = 3 - 13.5 mm D ≥ 25 mm t = 1.5 - 32 mm D ≥ 25 mm t = 1 - 20 mm t = 1 - 20 mm t = 1.4 - 4 mm t ≥ 1.5 mm t = 4 - 16 mm D ≥ 44 mm t = 8 mm D = 89 mm t = 1 - 3 mm t = 4 - 16 mm	BW, Strenx 1100CR BW, 42CrMo4 BW BW - FW FW BW BW Docol 1400M FW
141	1.2 23 8.1	t = 1 - 8 mm t = 2 - 5 mm t = 1 - 4 mm	- - -
21	1.1 23 8.1	t = 1 mm t = 2 mm t = 1.5 - 6 mm	- - -
24	1.1 1.2 1.2, 1.2/8.1 1.2 1.2	D = 13 - 55 mm D = 26 mm D = 30 mm D = 36 mm D = 55 mm	- - - - -
786	1.1, 1.1/8.1, 8.1 23	t ≥ 0.5 mm D = 3 - 8 mm t ≥ 0.5 mm D = 3 mm	- -

Area of Application:

- New build of railway vehicles and their components
- Design of railway vehicles and their components
- Purchase and supply of welded components

Responsible welding coordinator(s):

Daniel Herkenhoff, Level A (IWT)

born: 1992-03-31

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

Gerrit Zilch, IWE

born: 1976-01-30

Others deputies:

Jürgen Andretzky-Kloppmeier, IWS
Marcel Meß, IWE
Kevin Bahr, IWS

born: 1969-07-12
born: 1987-10-23
born: 1992-04-26

Remarks:

The welding coordinator Jürgen Andretzky-Kloppmeier is entitled to test welders / operators in accordance with the relevant standards within the scope of this certificate.



Scope of the certificate

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Register no.:

DVSZERT/15085/CL1/178/17/3

General provisions:

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