

C E R T I F I C A T E

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

This is to certify that **Hoedtke GmbH & Co. KG**

**Industriestr. 2 - 6
25421 Pinneberg
GERMANY**

is qualified to perform welding work within the range of certification of:

Certification level CL1 according to EN 15085-2

Field of application: no details

Range of certification

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Comments
131	23	t = 3 - 12 mm D >= 500 mm	FW a-Maß 2 - 8 mm
135	8 8 1.1 2.1 2.1	t = 0.7 - 1.3 mm t = 2 - 4 mm t = 2 - 8 mm t = 3 - 8 mm t = 3 - 8 mm D >= 25 mm	BW BW, FW BW, FW BW, FW FW

(continuation: see reverse)

Responsible welding coordinator: Ingo Frithjoff Schollbach (IWE)

Deputy with equal rights: -

Deputy: see reverse

Certificate no.: TÜVNORD/15085/CL1/065/5/06

File reference: 8117468943 TN0844

Valid: from 31.10.2019 to 31.10.2022

Issued on: 12.12.2019

Auditor: BREMER

General regulations (see reverse)



Certificate no.: TÜVNORD/15085/CL1/065/5/06

Continuation of range of certification

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Comments
135	8	t = 7 - 20 mm	BW
141/135	8	t = 7 - 20 mm	BW HV/V(T-Stoß), t2=3-8 mm
141	8	t = 0.8 - 5 mm D >= 5 mm	BW, FW
	1.1	t = 1 - 6 mm D >= 500 mm	BW, FW
	8	t = 1.8 - 3 mm D = 25 - 115 mm	WIG- Orbital
	2.1	t = 3 - 8 mm D >= 500 mm	BW, FW
	23	t = 3 - 12 mm	BW, FW
521	8	t = 0.8 - 4.8 mm	BW
522	8	t = 0.8 - 10 mm	BW, FW
	1.2	t = 3.5 - 5 mm	BW

Comments:

Authorized for performing, evaluation and approval of qualification tests of welders and welding operators as well as tests for the approval of welding procedure specifications is: Mr. Herr Ingo Frithjoff Schollbach

Authorized for performing, evaluation and approval of welding procedure specifications is: Mr. Detlef Brümmer and Mr. Andreas Gühlke

Additional deputies:

- Detlef Brümmer (EWS - Level B)
- Andreas Gühlke (EWS)
- Björn Heitmann (EWS)
- Christoph Sieck (EWS)

General regulations

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

The General Terms and Conditions of the TÜV NORD Systems apply in the currently valid version.