

CERTIFICATE

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

This is to certify that **mdexx GmbH**

**Zeppelinstraße 30
28844 Weyhe
GERMANY**

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

Certification level CL1 according to EN 15085-2

Field of application: • New manufacture of ventilators, transformers and components of rail vehicles.
Maintenance of mdexx- products.

Range of certification

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Comments
131	22	t = 2 - 20 mm	BW, FW
135	1.1	t = 2 - 3 mm	BW, FW
	8.1	t = 2 - 24 mm	BW, FW
	1.2/8.1	t = 3 - 22 mm	FW, BW
	1.2	t = 3 - 24 mm	BW, FW bis t=40 mm
	1.1	t = 3 - 25 mm	FW Roboter
	1.2	t = 3 - 160 mm	FW, Y-Naht

(continuation: see reverse)

Responsible welding coordinator: Dipl.-Ing. Diedrich Tienken (EWE) born: 20.04.1955

Deputy with equal rights: Dipl.-Ing. Gerhard Schefter (IWE) born: 04.02.1966

Deputy: see reverse

Certificate no.: TÜVNORD/15085/CL1/042/7/97

File reference: 8115542147 TN0530

Valid: from 21.03.2018 to 23.03.2021

Issued on: 21.03.2018

Auditor: WÄTKE
General regulations (see reverse)




 Zabrocki
 certification body



Certificate no.: TÜVNORD/15085/CL1/042/7/97

Continuation of range of certification

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Comments
135	3.1, 3.1/1.1	t = 4 - 4.8 mm	(WPQR-V0001+2) FW
15	1.2	t = 2 - 3 mm	BW
21	1.2	t = 2 - 3 mm	-
78	1.2		M6 bis M10. Verfahren 783 und 784(BH),786(BS) siehe VP
	22	t = 2 - 3 mm	siehe VP

Comments:

The following welding coordinators are accepted for welder/operator tests according the accepted standards in the field of this certificate:

Mr. Diedrich Tienken, Mr. Gerhard Scheffter

Additional deputies:

- Fertigungsüberwachung/production control: Sven Hasse (EWS - Level B) born: 18.07.1971
- Fertigungsüberwachung/production control: Eckhard Ölscher (Level C) born: 13.11.1959

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.