

C E R T I F I C A T E

TÜVNORD/15085/CL2/285/17/2

Report no. / Manufacturer no. / Validity notice: 8120413536 / TN4403 / 2022-06-30 - 2025-05-08

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

TÜV NORD Systems GmbH & Co. KG hereby certifies that the welding company

**Ivan Tkač
V Aleji 135/39
40 502 Děčín
Czech Republic**

fulfills the requirements of the TNS-EN15085 certification scheme
for the scope

**EN 15085-2 classification level CL2
in the type of activity P**

in the range indicated in the annex.

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

Hamburg, 2022-06-30

signed on original

certification body, Dipl.-Ing. (FH) ROHARDT

Scope of the certificate

TÜVNORD/15085/CL2/285/17/2

Report no. / Manufacturer no. / Validity notice: 8120413536 / TN4403 / 2022-06-30 - 2025-05-08

Scope:

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Remarks
135	1.1, 1.2 1.1, 1.2	t = 3 - 6.4 mm D ≥ 24.15 mm t = 3 - 8 mm D ≥ 24.15 mm	BW FW
141	1.1 8.1 8.1 8.1	t = 1 - 4 mm D ≥ 500 mm t = 0.7 - 2 mm D ≥ 500 mm t = 1 - 6 mm D ≥ 10 mm t = 3 - 12 mm D ≥ 500 mm	BW FW BW FW
141/142	8.1	t = 1 - 11 mm D ≥ 21.2 mm	BW/FW
786	1, 2, 8	t ≥ 0.5 mm	Stud diameter: 4,0 to 8,0 mm. Material group stud: 1-6; 8; 11.1

Area of Application:

- New build of parts for railway vehicles CL 2

Responsible welding coordinator(s):

Arne Matzke, Level A (IWE) [external]

born: 1978

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

Ivan Tkač, Level C

born: 1981

Others deputies:

-

Remarks:

The welding coordinator Arne Matzke is entitled to test welders / operators in accordance with the relevant standards within the scope of this certificate.