

CERTIFICATE

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

TÜVNORD/15085/CL1/119/07/6A1

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

Đuro Đaković Specijalna Vozila d.d.
Ulica 108. brigade ZNG 40
35000 Slavonski Brod
Croatia

meets the requirements of the TNS-EN15085 certification scheme for the scope specified.
The scope of application can be found on the following page.

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

validity: 2022-11-11 until 2025-06-30

date of issue: 2022-11-11
File number: 8120982960
Customer number: TN1523

Lead auditor: Engineer BOCEK
Auditor: Dipl.-Ing. ZABROCKI

Dipl.-Ing. (FH) ROHARDT
certification body



Scope of the certificate

TÜVNORD/15085/CL1/119/07/6A1

Scope:

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Remarks
111	1.2, 1.3 8.1	t = 10 - 40 mm t = 3 - 11 mm	BW BW
114	1.2/11	t = 3 - 20 mm	FW
121	1.2	t = 5 - 20 mm	BW, mb
131	22.1, 22.2, 22.3, 22.4 22.3	t ≥ 24 mm t = 2.25 - 4.5 mm	FW, a=6,6-14,2 FW, robotic
135	1.2, 1.3, 8.1 1.2, 1.3, 8.1 1.2/X120Mn12 1.3 1.3, 2.1 11/1 8/1 8/1 11.3/1.2 8.1	t = 3 - 24 mm t = 3 - 24 mm t = 2 - 36 mm D ≥ 500 mm t = 3 - 10 mm t = 3 - 30 mm - - - t = 3 - 20 mm t = 3 - 11 mm	BW FW, t ≥ 3 FW, 2,1-6 with 3-20 mm and 3-14 with 3-36 mm BW, fully mechanized BW, robotic BW, 11 (Reh ≤ 430 MPa): t = 8-32 mm; 1 (Reh ≤ 355 MPa): t = 12.5-50 mm FW, 8: t = 2.1-6 mm; 1 (Reh ≤ 355 MPa): t = 3-20 mm FW, 8: t = 3-14 mm; 1 (Reh ≤ 355 MPa): t = 3-36 mm FW BW, robotic
136	1.2 1.2	t ≥ 5 mm t = 10 - 40 mm	FW BW
138	1.3 1.3	t = 3 - 15 mm t = 3 - 15 mm	BW BW, robotic
141	1.2, 1.3, 23.1, 8.1 1.2 1.3, 23.1, 8.1	t = 1.5 - 6 mm t = 3 - 20 mm D ≥ 30.15 mm t = 3 - 12 mm	FW BW BW
783	2.1, 3, 8	-	-

Area of Application:

- New build of railway vehicles and their components
- Repair of railway vehicles and their components

Responsible welding coordinator(s):

Mario Jagnjić, Level A (IWE)

born: 1984-09-17

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

Krešo Didić, Level A (IWE)

born: 1994-05-09

Others deputies:

Mihajlo Kućinski, Level A (IWE)

born: 1959-02-22

Luka Matanović, Level B (IWE)

born: 1989-05-22

Remarks:

General provisions:

The General Terms and Conditions of the TÜV NORD Systems GmbH & Co. KG apply in the currently valid version. To verify the validity of the digital signature of the TÜV NORD Systems employee, the installation of the TÜV NORD Group master certificate is necessary: <https://www.tuev-nord.de/en/customer-login/digital-signature/>

