

# Certificate

**TÜVNORD/15085/CL1/119/07/7**

Report no. / Manufacturer no. / Validity notice: 8124242848 / 11523 / 2025-09-30 - 2028-06-30

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

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**

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

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

in the range indicated in the annex.

Lead auditor:  
Dipl.-Ing. ZABROCKI

Hamburg, 2025-09-30

Digitally  
**TÜVNORD** signed by  
Rohardt Sven

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

**TÜV NORD Systems GmbH & Co. KG**  
Große Bahnstraße 31, 22525 Hamburg  
tuev-nord.de | certifications@tuev-nord.de



## 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	1.2, 1.3	t = 10 - 40 mm	BW
121	1.2 1.2	t = 3 - 12,6 mm t = 5 - 20 mm	BW 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, Robots
135	1.2 11 8 8 1.2 1.2, 1.3, 3.1, 8.1 1.2, 1.3, 8.1 1.2/2.2, 2.2 1.3 1.2/X120Mn12 1.3, 2.1 11.3/1.2 3.1 3.1 8.1	- - - - t = 3 - 14 mm t = 3 - 24 mm t = 3 - 24 mm t = 3 - 10 mm t = 3 - 10 mm t = 2 - 36 mm D ≥ 500 mm t = 3 - 30 mm t = 3 - 20 mm t = 10 - 40 mm t = 22,5 - 90 mm t = 3 - 11 mm	fully mechanized, t1= 3 - 14; t2= ≥ 5 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, fully mechanized BW FW, t>= 3 FW BW, fully mechanized FW, 2,1-6 with 3-20 mm and 3-14 with 3-36 mm BW, Robots FW BW BW BW, Robots
138	1.3 1.3	t = 3 - 15 mm t = 3 - 15 mm	BW BW, Robots
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	3	t ≥ 1,5 mm	Stud welding

### Area of Application:

- Design of components for railway vehicles
- New build of railway vehicles and their components
- Repair of railway vehicles and their components
- Purchase and supply of welded components
- Design for maintenance welding

### Responsible welding coordinator(s):

Krešo Didić, Level A (IWE)

born: 1994-05-09

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

Luka Matanović, Level A (IWE)

born: 1989-05-22

### Others deputies:

Željko Čubrilo, Level C (IWS)

born: 1976-11-13

### Remarks:

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Scope of the certificate