

# Certificate

**TÜVNORD/15085/CL1/355/19/2**

Report no. / Manufacturer no. / Validity notice: 8123863817 / 14789 / 2025-07-21 - 2028-05-31

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

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

**TITAGARH RAIL SYSTEMS LIMITED (Transit & Propulsion)**  
**Plot No 2 Hindmotor Road**  
**712233 Hooghly, West Bengal**  
**India**

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, S**

in the range indicated in the annex.

Lead auditor:  
B.Eng. TODAKAR

Hamburg, 2025-07-21



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

**TÜV NORD Systems GmbH & Co. KG**  
Große Bahnstraße 31, 22525 Hamburg  
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## Scope of the certificate

### TÜVNORD/15085/CL1/355/19/2

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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	t = 3 - 20 mm	FW, ml
131	23.1 23.1 23.1 23.1	t = 3 - 12 mm t = 3 - 12 mm t = 3 - 20 mm t = 3 - 20 mm	BW, ml FW, sl FW, ml BW, ss, ml
135	1.2 1.2 1.2 1.2 1.2 1.4 1.4 8.1 8.1 8.1/1.2 8.1/1.2 8.1 8.1	- t = 3 - 20 mm t = 3 - 24 mm t = 3 - 30 mm t = 7.5 - 30 mm t = 1.6 - 24 mm t = 2.1 - 24 mm t = 0.5 - 12 mm t = 0.7 - 12 mm t = 1.4 - 20 mm t = 3 - 12 mm t = 3 - 10 mm D ≥ 150 mm t = 3 - 10 mm D ≥ 150 mm	FW, t1= 3-20 mm; t2 ≥ 3mm; sl FW, sl FW, BW FW, ml BW, ss, ml BW FW BW FW FW BW BW FW
141	8.1 8.1	t = 0.5 - 4 mm t = 0.7 - 6 mm	BW FW
211	8.1	-	Spot weld, 1 / 4.5
212	8.1	-	Spot weld, 1 / 4.5

#### Area of Application:

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

#### Responsible welding coordinator(s):

Soumitra Basu, Level A (IWT)

born: 1967-06-18

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

Arnab Maity, Level A (IWE)

born: 1990-07-06

#### Others deputies:

De Sukumar, Level C  
Manish Kumar Pandey, Level B  
Babu S.V. Balaji, Level A (IWT)  
Pinaki Mandal, Level C

born: 1961-01-04  
born: 1985-10-16  
born: 1976-06-24  
born: 1983-08-01

#### Remarks:

The welding coordinators Soumitra Basu, Arnab Maity are authorised, within the scope of this certificate, to test welders/operators in accordance with the relevant standards.

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## Scope of the certificate