

C E R T I F I C A T E

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

TÜVRh/15085/CL1/515/17/1A1

TÜV Rheinland Industrie Service GmbH hereby certifies that the welding company

**M/s Electro Auto Industries
Plot No. 9, Sector-B, Industrial Area,
Govindpura, Bhopal - 462023
India**

fulfills the requirements
for the scope according to

**EN 15085-2 classification level CL1
in the type of activity P
in the range indicated in the annex.**

validity: 2022-03-15 until 2023-08-02

Cologne, 2022-03-15
Place and date of issue

Lead auditor: B.Eng. PRAKASH



Dipl.-Ing. MAKOWKA
Head of certification body

TÜV Rheinland Industrie Service GmbH, Am Grauen Stein, 51105 Köln, GERMANY

Scope of the certificate

TÜVRh/15085/CL1/515/17/1A1

Scope:

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Remarks
111	1.1 1.1 1.2 1.2 8	t = 3 - 40 mm t = 3 - 40 mm t = 3 - 50 mm t = 3 - 50 mm t = 5 - 20 mm	BW, manually FW, manually BW, manually FW, manually FW, manually
131	22	t = 3 - 40 mm	FW, partly mechanized
135	1.1 1.1 1.1/1.2 1.2 1.2 1.2/8 1.2/8	t = 5 - 40 mm t = 5 - 50 mm t = 3 - 24 mm D ≥ 17 mm t = 1.5 - 50 mm t = 2 - 50 mm t = 3 - 12 mm t = 3 - 50 mm	FW, partly mechanized BW, partly mechanized FW, partly mechanized BW, partly mechanized FW, partly mechanized BW, partly mechanized FW, partly mechanized
136	1.1 1.2/8	t = 5 - 50 mm t = 13 - 50 mm	BW, partly mechanized BW, partly mechanized
141	1.1 1.1/1.2 1.1/1.2 1.2 1.2 1.2/8 22, 8 22 22 8	t = 1.5 - 5 mm D ≥ 17 mm t = 1.5 - 6 mm D ≥ 17 mm t = 1.82 - 20 mm D ≥ 17 mm t = 1.5 - 24 mm t = 3 - 50 mm D ≥ 4 mm t = 3 - 32 mm D ≥ 2.25 mm t = 3 - 20 mm t = 3 - 40 mm t = 5 - 20 mm t = 3 - 20 mm D ≥ 10 mm	BW, manually BW, manually FW, manually BW, manually FW, manually FW, manually BW, manually FW, manually FW, manually FW, manually
783	1.2, 8	t = 5 - 20 mm	partly mechanized, ./.

Area of Application:

- New build of Railway Vehicles and their components
 - Exterior/Interior traction and power equipment. (Transformer casing)
 - Supporting Frame, brackets for Exterior / Interior equipments
 - Exterior/Interior Self-supporting equipment boxes

TÜV Rheinland Industrie Service GmbH, Am Grauen Stein, 51105 Köln, GERMANY

Responsible welding coordinator(s):

Biju Subramaniam, Level A (IWE) [external]

born: 1973-02-14

Scope of the certificate

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

Sachin Shrivastava, Level A

born: 1982-12-03

Others deputies:

M.F. Qureshi, Level C
Pankaj Mishra, Level C

born: 1968-04-30
born: 1988-05-05

Remarks:

Register no.:

TÜVRh/15085/CL1/515/17/1A1

General provisions:

The General Terms and Conditions of the TÜV Rheinland Industrie Service GmbH apply in the currently valid version.

TÜV Rheinland Industrie Service GmbH, Am Grauen Stein, 51105 Köln, GERMANY