

CERTIFICATE

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

TÜVRh/15085/CL1/241/11/4

TÜV Rheinland Industrie Service GmbH hereby certifies that the welding company

CS Components Pvt. Ltd.
Plot No. 194 -196, Phase -1, GIDC
396 171 Umbergaon
India

fulfills the requirements
for the scope according to

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

validity: 27.05.2021 until 26.05.2024

Cologne, 19.05.2021
Place and date of issue

Lead auditor: B.Eng. THIAGAMOORTHY

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



Dipl.-Ing. MAKOVK
Head of certification body

Scope of the certificate

TÜVRh/15085/CL1/241/11/4

Scope:

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Remarks
131	22, 23 22, 23	$t \geq 1.5$ mm $t \geq 1.5$ mm $D = 13 - 50$ mm	BW, partly mechanized FW, partly mechanized
135	1.2 1.2 8	$t = 1.4 - 20$ mm $t = 1.4 - 32$ mm $D \geq 25$ mm $t = 0.7 - 40$ mm	FW, partly mechanized BW, partly mechanized FW, BW, partly mechanized
141	1.2 1.2 22, 23 22 23 8 8	$t = 0.7 - 10$ mm $t = 1.4 - 20$ mm $t \geq 1.5$ mm $t \geq 1.5$ mm $D = 13 - 50$ mm $t \geq 1.5$ mm $D = 13 - 50$ mm $t = 0.7 - 20$ mm $t = 0.74 - 6$ mm $D \geq 5$ mm	BW, manually FW, manually BW, manually FW, manually BW, manually BW, manually FW, manually
212	1.2, 8	$t = 2$ mm	fully mechanized
232	1.2 8	$t = 2$ mm $t = 4$ mm	fully mechanized fully mechanized
783	8 8 8	$t = 5$ mm $t = 6$ mm $t = 8$ mm	partly mechanized partly mechanized partly mechanized

Area of Application:

- New build of components and parts for railway vehicles
 - Supporting frames for external components
 - Self-supporting equipment boxes
 - Roof construction (panelling)
 - External machine equipment parts
 - Body shell components (front and end walls)
 - Transformer tanks
 - Under frame components

Responsible welding coordinator(s):

Anand Kumar K Sondur, Level A (IWT)

born: 15.09.1963

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

Scope of the certificate

TÜVRh/15085/CL1/241/11/4

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

Nitin M. Patil, Level C

born: 08.03.1980

Others deputies:

Ganesh Yadav, Level C

born: 04.01.1992

Remarks:

Authority to test the qualification of welders:
The responsible welding supervisor is authorized to test the qualification of welders according to the applicable standards within the range of certification of this Certificate.

Register no.:

TÜVRh/15085/CL1/241/11/4

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