

C E R T I F I C A T E

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

TÜVRh/15085/CL1/728/23/2

TÜV Rheinland Industrie Service GmbH hereby certifies that the welding company

Stainless Precision Engineering (Pty) Ltd.
5 & 7 Amanda Avenue
1709 Lea Glen
South Africa

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: 2025-03-26 until 2028-03-25

Cologne, 2025-04-22
Place and date of issue

Lead auditor: Dipl.-Ing. (FH) DEDERICH



Dipl.-Ing. MAKOWKA
Head of certification body

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

Scope of the certificate

TÜVRh/15085/CL1/728/23/2

Scope:

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Remarks
131	22 23	t = 1 - 12 mm t = 1 - 4 mm	FW, partly mechanized FW, partly mechanized
135	1.1 1.1 1.1 1.2 7/8	t = 2.1 - 24 mm t = 3 - 8 mm t = 3 - 24 mm t = 2.1 - 10 mm t = 0.7 - 6 mm	FW, partly mechanized BW, partly mechanized BW, partly mechanized FW, partly mechanized FW, partly mechanized
141	1.1 1.2/3 22/23 8	t = 0.7 - 2 mm t = 1.4 - 10 mm t = 1 - 4 mm t = 0.7 - 6 mm	FW, manually FW, manually FW, manually FW, manually
212	22 8	t = 1 - 6 mm t = 0.9 - 2 mm	partly mechanized, Spotweld partly mechanized, spotweld

Area of Application:

- New build of parts for railway vehicles
 - Supporting frames, brackets and tensioning straps for interior and exterior equipment (e.g. electrical parts and air-conditioning)
 - exterior traction and power equipment (transformer casing, transformer suspension, engine suspension, transmission)
 - obstacle deflectors
 - driving cab and saloon equipment: heaters
 - lavatory rooms

Responsible welding coordinator(s):

Alex van Jaarsveldt, Level A (IWT)

born: 1992-04-17

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

Stefan Alwyn Van der Linde, Level B (IWT)
[external]

born: 1983-05-11

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

Scope of the certificate

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Others deputies:

Nicolaas Ignatius Johannes van der Westhuizen, born: 1988-01-30
Level C
Jacques Vosloo, Level C born: 1986-04-23

Remarks:

The welding coordinator Alex van Jaarsveldt is entitled to test welders / operators in accordance with the relevant standards within the scope of this certificate.

Register no.:

TÜVRh/15085/CL1/728/23/2

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