

CERTIFICATE

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

GSISLV-TR/15085/CL1/090/23/0

GSI SLV-TR hereby certifies that the welding company

EMRE MAKINA SANAYI TICARET A.S.
Yesiloba Mah. Adana Orta Ölçekli Sanayi Sitesi No:2E
01100 Seyhan/ADANA
Turkey

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: 2023-10-06 until 2026-10-05

Ankara, 2023-10-06
Place and date of issue

Lead auditor: Engineer KARAMAN
Auditor: B.Sc. HEPER

Kaynak Teknoloji
GSI SLV
Emre Makina Sanayi Ticaret A.Ş.
Engineer AKCAM
Head of certification body

Scope of the certificate

Scope:

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Remarks
111	1.2 1.2 1.2 1.2/43	t = 3 - 20 mm t = 3 - 32 mm D ≥ 109,55 mm t = 13 - 32 mm t ≥ 3 mm D ≥ 40 mm	FW, manually FW, manually BW, manually FW, manually
111/135	1.1 1.2	t = 20 - 80 mm t ≥ 5 mm	BW, manually FW, manually
121	1.2	t ≥ 25 mm	fully mechanized, (Hardfacing, ISO 15614-7)
131	3.2	t ≥ 25 mm	partly mechanized, (Overlay, ISO 15614-7)
135	1.1 1.2 1.2 1.2/3.2 11.2	t = 3 - 24 mm D ≥ 38,05 mm t ≥ 3 mm t = 3 - 60 mm t = 3 - 24 mm t ≥ 25 mm	FW, partly mechanized FW, partly mechanized BW, partly mechanized FW, manually partly mechanized, (Overlay, ISO 15614-7)
141	1.1 1.1 1.2 1.2/8.1, 1.2/X120Mn12 8.1	t = 3 - 20 mm D ≥ 57,15 mm t = 3 - 20 mm D ≥ 57,15 mm t = 0,5 - 5,8 mm D ≥ 24,15 mm t = 3 - 16 mm t = 12,5 - 60 mm	BW, manually BW, manually, (Branch connection angle 45 and above) BW, manually FW, manually BW, manually
141/111	1.2	t = 3 - 32 mm	BW, manually
141/121	1.2	t = 20 - 80 mm	BW, manually
141/135	1.2	t = 3 - 12 mm	BW, manually

Area of Application:

- New build of components for railway vehicles

Responsible welding coordinator(s):

Guneri GUNGOR, Level A (IWE)

born: 1993-01-05

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

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Others deputies:

Eren KARAKAYA, Level C

born: 1986-03-08

Remarks:

(135, C1, t=25 - 100 mm, BW, ISO 11970)

(135, C1, t=25 - 200 mm, FW, ISO 11970)

Register no.:

GSISLV-TR/15085/CL1/090/23/0

General provisions:

The General Terms and Conditions of the GSI SLV-TR apply in the currently valid version.