

# CERTIFICATE

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

GSISLV-TR/15085/CL1/78/22/0A1

GSI SLV-TR hereby certifies that the welding company

**TOR DEMİR METAL URUNLERI VE MAK. PAZ. SAN. TIC. A.S.**  
**MOSB 4. Kısım İsmail Sarıgozolu Cad. No:15 Yunusemre**  
**45030 MANISA**  
**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: 2022-12-06 until 2025-12-05

Ankara, 2023-03-20  
Place and date of issue

Lead auditor: Engineer AKÇAM  
Auditor: Engineer KARAMAN

**Kaynak Teknolojisi**  
**GSI SLV**  
**Türkiye**  
**1**  
**Tar ve Mesleki Gelişim Merkezi**  
Engineer AKÇAM  
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
135	1.2 1.2 1.2 1.2 8.1 8.1	t = 1.4 - 4 mm t ≥ 2 mm t = 2 - 20 mm t = 3 - 10 mm t = 1 - 10 mm t = 1 - 12 mm	FW, BW, partly mechanized FW, partly mechanized BW, partly mechanized FW, partly mechanized FW, partly mechanized BW, partly mechanized, (pulse)
141	1.1, 8.1  1.1 1.1 1.2 1.1/1.2  1.2 22.3 22.3 22.4 22.4 23.1  23.1 8.1 8.1  8.1 8.1/1.2	t = 1.38 - 7.48 mm D ≥ 10.65 mm t = 1.4 - 2.6 mm t = 1.4 - 4 mm t = 1.4 - 4 mm t = 1.5 - 3 mm D ≥ 14 mm t = 3 - 40 mm t = 2 - 6 mm t = 2 - 6 mm t = 1 - 30 mm t = 3 - 10 mm t = 0.75 - 3 mm D ≥ 14 mm t = 1.5 - 6 mm t = 0.8 - 6 mm t = 1.4 - 4 mm D ≥ 14 mm t = 1.4 - 30 mm t = 3 - 12 mm	BW, manually  BW, manually FW, manually FW, BW, manually FW, manually  FW, manually BW, manually FW, manually FW, manually FW, manually, (ml) FW, BW, manually  FW, BW, manually FW, BW, manually FW, manually  FW, manually FW, manually
212	1.1 22.3, 8.1 22.4 22.4 8.1 8.1	t = 1.5 mm t = 1.2 mm t = 2 mm t = 2 - 3 mm t = 3 mm t = 3 mm	fully mechanized fully mechanized fully mechanized fully mechanized, (M7) fully mechanized, (M10) fully mechanized, (M8)
785	8.1	t = 1.2 - 1.5 mm	fully mechanized, (M6, M10)

### Area of Application:

- New build of components for railway vehicles

### Responsible welding coordinator(s):

Ahmet Serdar EMEKLI, Level A (IWE)

born: 1996-06-25

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

Ahmet Kaan KILINC, Level A (IWE)

born: 1995-01-11

### Others deputies:

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### Remarks:

### Register no.:

GSISLV-TR/15085/CL1/78/22/0A1

### General provisions:

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