

# 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

KIWATR/15085/CL1/030/24/0

Kiwa Belgelendirme Hizmetleri A.S. hereby certifies that the welding company

**HACI AYVAZ ENDÜSTRİYEL MAMULLER SANAYİ VE TİCARET  
A.Ş.**

**Atatürk Sanayi Bölgesi Hadımköy Mahallesi, Mustafa İnan  
Caddesi No: 44  
34555 Arnavutköy, İstanbul  
Turkey**

fulfills the requirements  
for the scope according to

**EN 15085-2 classification level CL1  
in the type of activity D, P**

in the range indicated in the annex.

validity: 2024-06-10 until 2027-06-09

Istanbul, 2024-06-10

Place and date of issue

Lead auditor: UNCU

Auditor: ÖZCAN

signed on original

YÜCEL

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	1.1 1.2 1.2 11.1 5.2	t = 3 - 35 mm t ≥ 2.5 mm t = 7 - 60 mm t ≥ 5 mm t = 8.7 - 35 mm	BW FW BW FW FW
141	1.1 1.1, 1.1/11.1 1.2 1.2 5.2 11.1 43 8.1 8.1 8.1	t = 1.5 - 20 mm t = 2.7 - 5.5 mm t ≥ 2.5 mm t = 3 - 20 mm t = 3 - 20 mm t = 3 - 18 mm t = 0.6 - 7.6 mm t = 0.2 - 4 mm t ≥ 0.5 mm t = 1 - 12 mm	FW BW FW BW FW BW FW FW, automatic FW BW
141/135	1.2 1.2 5.2 8.1 8.1	t = 3 - 20 mm t ≥ 5 mm t = 3 - 35 mm t = 2 - 30 mm t = 7 - 28 mm	BW FW - FW BW
142	1.2, 5.2 42, 43 8.1 8.2	t = 0.7 - 1.5 mm t = 0.6 - 4 mm t = 0.2 - 12 mm t = 0.4 - 4 mm	FW BW, automatic FW BW, automatic
15	8.1	t = 0.2 - 0.8 mm	BW, automatic

### Area of Application:

- New build of components for railway vehicles
- Design of components for railway vehicles
  - Flexible metal hose and expansion joints

### Responsible welding coordinator(s):

Ümit Şentürk, Level A (IWE)

born: 1987

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

Yunus Yazıcı, Level A (IWE)

born: 1990

### Others deputies:

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### Remarks:

#### Register no.:

KIWATR/15085/CL1/030/24/0

### General provisions:

The General Terms and Conditions of the Kiwa Belgelendirme Hizmetleri A.S. apply in the currently valid version.