

CERTIFICATE

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

This is to certify that **Türkiye Rayli Sistem Araclari Sanayi A.S. (TÜRASAS)**
Sakarya Bölge Müdürlüğü, Milli Egemenlik Cad. Mithatpasa Mah. No:131
54100 Adapazari, SAKARYA TURKEY

is qualified to perform welding work within the range of certification of:

Certification level CL1 according to EN 15085-2

Field of application: • New build, conversion and repair of railway vehicles and their components
- Passenger, EMU, DMU, coaches and their components e.g. bogies, under Frames, walls and roofs, supporting Frames for external equipment

Range of certification

| Welding process according to EN ISO 4063 | Material group according to CEN ISO/TR 15608 | Dimensions | Comments |
|--|--|-----------------------------------|---|
| 131 | 23.1 23.1 | t = 1.5 - 6 mm t = 1.5 - 16 mm | BW (Fully Mechanized) BW (Partly Mechanized) |

(continuation: see reverse)

Responsible welding coordinator: Sedat DAGLARASTI (IWE) born: 02.10.1989

Deputy with equal rights: Adem TOKGOZ (IWE) born: 29.01.1989

Deputy: see reverse

Certificate no.: SVS/15085/CL1/267/0/23

Valid: from 04.03.2021 to 03.03.2024

Issued on: 05.03.2021

Auditor: ÖZCAN
General regulations (see reverse)

(Head/representative of certification body, name and signature)

Certificate no.: SVS/15085/CL1/267/0/23

Continuation of range of certification

| Welding process according to EN ISO 4063 | Material group according to CEN ISO/TR 15608 | Dimensions | Comments |
|--|--|---|---|
| 131 | 23.1 23.1 | t = 3 - 10 mm t = 3 - 24 mm | FW (Fully Mechanized) FW (Partly Mechanized) |
| 135 | 1.2 8.1 1.2 1.2/8.1 8.1 1.2/8.1 1.2 8.1 8.1 1.2 1.2 1.2 | t >= 1.4 mm t = 1.4 - 2.6 mm t = 1.4 - 3 mm t = 1.4 - 3 mm t = 1.4 - 8 mm t = 1.4 - 8 mm t = 1.6 - 16 mm t = 1.8 - 8 mm t = 2.1 - 3.9 mm t >= 3 mm t = 3 - 24 mm t = 3 - 60 mm | FW (Partly Mechanized) BW (Automatic) BW (Automatic) BW (Partly Mechanized), t1=1.6-3mm t2=1.4-2.6mm FW (Partly Mechanized), t1=1.4-6.4 mm t2=3-8 mm FW (Partly Mechanized), t1=1.4-6.4mm t2=1.4-8mm BW (Partly Mechanized) FW (Partly Mechanized) BW (Partly Mechanized) FW (Fully Mechanized), t1=3-24 mm t2=>=5 mm T-FW (Fully Mechanized) BW (Fully Mechanized), t1=3-24 mm t2=15-60 mm |
| 136 | 1.2 | t >= 3 mm | FW (Partly Mechanized) |
| 141 | 23.1 23.1 | t = 1.5 - 12 mm t = 1.5 - 16 mm | FW (Manuel) BW (Manuel) |

Additional deputies:

- Ekrem Mete ERDOGAN (IWE) born: 09.10.1987
- Demirhan Dincer GURSOY (IWE) born: 14.07.1982
- Caner OZAN (IWE) born: 08.01.1987
- Taner SARIHAN (IWE) born: 02.10.1980
- Buket YILMAZ (Level C) born: 17.12.1981

Comments:

Mr. Sedat Daglarasti and Mr. Adem Tokgöz are allowed to carry out qualification tests of welders/welding Operator according to EN ISO 9606-1/EN ISO 9606-2/EN ISO 14732.

Certificate no.: SVS/15085/CL1/267/0/23

General regulations

according to EN 15085-2

Revocation of the Certificate

The national safety authority or the manufacturer certification body issuing this certificate may revoke the certificate if:

- there are justified doubts as to the proper execution of the welding work according to the stated standards,
- there are justified doubts as to the proper welding coordination according to the stated standards,
- no recognized welding coordinator is available any longer,
- no valid qualification test certificates for the welders and welding operators according to the specified standards are available,
- welders or welding operators without tested qualifications have been entrusted with the execution of welding work under the stated standards,
- other conditions according to the stated standards are no longer satisfied,
- the manufacturer certification body was refused an opportunity to perform the annual verification,
- the welding manufacturer waives the certificate

The welding manufacturer shall acknowledge the revocation in writing to the manufacturer certification body. The manufacturer certification body shall notify the national safety authority.

If a valid certificate is to be renewed, the renewal must be applied for with the manufacturer certification body at least **two months** before the end of the period of validity of the current certificate.

Distribution list:

1. Applicant (original)
2. Files