



Industrie Service

CERTIFICATE

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

This is to certify that **KONCAR - Metalne konstrukcije d.d.**

Fallerovo setaliste 22

**10000 Zagreb
CROATIA**

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

Certification level CL1 according to EN 15085-2

Field of application: • New manufacture of railway vehicles and their components:

- tram bogie frames
- supporting frames for external equipment
- girder (bridge) transformer tanks
- with purchase, assembly and resale
- without design

Range of certification

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Comments
121	1.2	t = 8 - 100 mm	-
135/121	1.1	t = 13 - 50 mm	-
	1.2	t = 33 - 130 mm	-
	1.3	t = 50 - 200 mm	-

(continuation: see reverse)

Responsible welding coordinator: Goran Burazer (IWE) born: 15.12.1974

Deputy with equal rights: Robert Vidas (EWE) born: 15.12.1965

Deputy: see reverse

Certificate no.: TÜV SÜD/15085/CL1/387/2A1/12

Valid: from 08.11.2020 to 31.07.2021

Issued on: 02.12.2020

Auditor: JELACIC
General regulations (see reverse)

Certification Body
Material and Welding Technology

T. Sack

Sack
Deputy head of certification body



EQ3076728

Certificate no.: TÜV SÜD/15085/CL1/387/2A1/12

Continuation of range of certification

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Comments
135	1.3 1.2 - 8/1.2 3.1	t = 3 - 100 mm t = 3 - 120 mm t = 8 - 32 mm t = 10 - 60 mm t = 30 - 120 mm	- - GS24Mn6V BW; FW: t>=5mm BW; FW: t>=5mm
136	1.2	t = 15 - 120 mm	-
141	1.1 8 1.2	t = 1.8 - 8 mm D >= 10.6 mm t = 1.8 - 14.2 mm D >= 30.2 mm t = 3 - 32 mm D >= 25.5 mm	BW BW BW
783	1.2	t = 10 mm	M16 stud material 4.8 acc. to EN ISO 898-1

Additional deputies:

- Zdravko Juricki (IWP) born: 19.07.1966
- Stjepan Menjak (EWS) born: 23.09.1961

Comments:

Certificate no.: TÜV SÜD/15085/CL1/387/2A1/12

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