

CERTIFICATE

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

This is to certify that **CMASA Construcciones Mecánicas Aragonesas S.A.**

**C/ Ariza, 4
50011 Zaragoza
SPAIN**

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 of parts for railway vehicles (without design)

- draw gears
- anticlimbers
- axleboxes, spring supports, wheelset mountings,
- supporting parts for vibration dampers
- obstacle deflectors
- supporting frames for external equipment parts

Range of certification

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Comments
135	8 1.2	t = 2 - 10 mm t >= 3 mm	./. FW

(continuation: see reverse)

Responsible welding coordinator: Francisco Aznarez Romeo (IWE) [external]
born: 29.04.1982

Deputy with equal rights: -

Deputy: Jose Luis Ibañez Plou (Level C) born: 07.05.1965

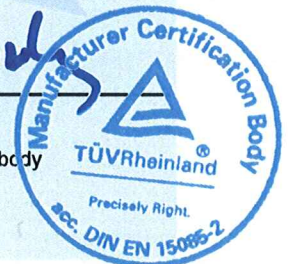
Certificate no.: TÜVRh/15085/CL1/201/3A2/10

Valid: from 05.08.2019 to 10.06.2020

Issued on: 05.08.2019

Auditor: MÜLLER
General regulations (see reverse)

Makowka
Head of certification body



Certificate no.: TÜVRh/15085/CL1/201/3A2/10

Continuation of range of certification

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Comments
135	1.2/1.4 1.2/1.4 1.2	t = 3 - 12 mm t = 3 - 20 mm t = 3 - 30 mm D >= 25 mm	FW FW BW

Comments:

Authority to test the qualification of welders:

The responsible welding supervisor is authorized to test the qualification of welders according to the applicable standards within the range of certification of this Certificate.

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