

# CERTIFICATE

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

This is to certify that **CONSTRUCCIONES MECÁNICAS ARAGONESAS, S.A.**

**Ctra. Madrid, km 315,8**

**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
- axletrees, spring supports, wheelset mountings
- supporting parts for vibration dampers
- obstacle deflectors
- supporting frames for external equipment boxes

### Range of certification

Welding process according to DIN EN ISO 4063	Material group according to CEN ISO/TR 15088	Dimensions	Comments
135	8 1.3 1.2	1 = 2 - 10 mm 1 = 3 mm 1 = 3 - 20 mm	J PW BW

(continuation see reverse)

**Responsible welding coordinator:** Carlos Pinilla Pinilla (EWE) (external) born: 29.10.1962

**Deputy with equal rights:** -

**Deputy:** Jose Luis Barber Piau (Level C) born: 07.05.1965

**Comments:** see reverse

**Certificate no.:** TÜVRH/15085/CL1/2015/10

**Valid:** from 23.08.2017 to 10.06.2020

**Issued on:** 23.08.2017

**Auditor:** NORDHAUSEN

General regulations (see reverse)

