

## CERTIFICATE

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

This Certificate is issued to:

**NRF Thermal Engineering Spain S.L.**  
Av. Asegra 22, 18210 Peligros, Granada  
Spain

Is qualified to perform welding work within the range of certification of

**Certification Level CL1 according to EN 15085-2:2020+A1:2023**  
**Type of activity: D, P, S**

Type of components:

Design, purchase and assembly of welding parts and  
Manufacturing of Welding components for rail vehicles.

Welding processes and base material groups: see reverse.

**Responsible welding coordinator (RWC):** Pedro Tomás Morales (Level A) born: 1980  
**1<sup>st</sup> Deputy welding coordinator (DWC):** Santiago Isidro Torres (Level A – External) born: 1979  
**Deputy welding coordinator (DWC):** José Manuel Rodríguez (Level C) born: 1983

**Comments:** see reverse.

**Certificate No:** LRQA/15085/CL1/220/21/1A1  
**Valid:** from 30 September 2025 year to 07 July 2027  
**Issued on:** 30 September 2025  
**Auditor:** Roberto Eiró (ES-IWE-990)

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Juan Antonio Pozo – Head of MCB

General regulations (see annex)

## Annex certificate No: LRQA/15085/CL1/220/1A1

**NRF Thermal Engineering Spain S.L.**  
Av. Asegra 22, 18210 Peligros, Granada  
Spain

### Welding processes and base material groups

Welding processes according to EN ISO 4063	Base material group to CEN ISO/TR 15608	Dimensions	Comments
141	21	T <sub>1</sub> =1-4 mm/T <sub>2</sub> =3-10 mm	FW
	21/22.3	3-10 mm	BW
	22.3/23.1	T <sub>1</sub> =3-12 mm/T <sub>2</sub> =3-30 mm	BW T-joint
	22.1/23.1	3-8 mm	BW
	22.1/23.1	T <sub>1</sub> =3-12 mm/T <sub>2</sub> =3-30 mm	BW, T-joint
	22.1/24.2	3-12 mm	BW
	23.1	T <sub>1</sub> ≥20 mm/T <sub>2</sub> =3-12 mm	BW T-joint
	23.1	3-12 mm	BW
	23.1	3-12 mm	FW
	23.1	T <sub>1</sub> =3-15 mm/T <sub>2</sub> =3-12 mm	FW, ø≥25 mm
	23.1	3-10 mm	BW, ø≥30 mm

### Comments:

This Certificate is subject to monitoring of compliance by LRQA Iberia Inspection S.A. as required by the standard EN 15085-2:2020+A1:2023

The welding coordinator Pedro Morales and Isidro Santiago are entitled to test welders / operators in accordance with the relevant standards within the scope of this certificate.

Performance class limited to CPC2.

Small manufacturer acc. to annex C EN 15085-2:2020+A1:2023.

### General regulations

according to EN 15085-2:2020+A1:2023

### Revocation of the Certificate

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,



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