



**BUREAU
VERITAS**

**Company Certification
for welding of railway vehicles and components
according to EN 15085-2:2007**

The company:

TALLERES ALEGRÍA, S.A.

Located in:

**BARRIO ABOÑO S/N
33492 CARREÑO (ASTURIAS)**

and

**C/ ARAMO 104
33192 LLANERA (ASTURIAS)**

Is certified to perform welding under certification level **CL 1** according to EN 15085-2:2007.

Field of application:

**Welded parts of vehicles with welded joints classified in weld performance classes CP A to CP D.
Certification level CL2 to CL4 is included.**

Componentes soldados de vehículos ferroviarios según las clases de ejecución de la soldadura CP A a CP D. Incluye los niveles de certificación CL2 a CL4.

Range of certification:

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Remarks
GMAW (135) (Semiautomatic)	1.1, 1.2	BW: T, P (7.5 to 60 mm)	EXCEPT PG AND J-L045
	1.1, 1.2	FW: T, P (2 to 16 mm)	EXCEPT PG
	1.1,1.2 – 12Mn	FW: P (3 to 10 mm)	EXCEPT PG
	72 – 12Mn	FW: P (6 to 24 mm / 3 to 10 mm)	EXCEPT PG
SMAW (111) (Recharge)	75	14 to 27 mm	PA (E Fe9 / E 18 8 Mn R 22)
SMAW (111) (Manual)	1.1	BW: T, P (7.5 to 30 mm)	EXCEPT PG AND J-L045
	1.1	FW: T, P (7.5 to 30 mm)	EXCEPT PG
	1.1,1.2 – 12Mn	FW: P (3 to 10 mm)	EXCEPT PG
	72 – 12Mn	FW: P (6 to 24 mm / 3 to 10 mm)	EXCEPT PG

Responsible welding coordinator:

LUIS FERNÁNDEZ QUELLE (1970-03-12) (IWE-ES-902) (LEVEL A)

Deputy of responsible welding coordinator:

JOSÉ MANUEL HEVIA ARIAS (1953-08-02) (IWT-ES-033) (LEVEL B)

Additional welding coordinators:

JAVIER SERGIO RUEDA GARCIA (1981-08-17) (LEVEL C)

Certificate No.:

28/X52/1/3690900/1001-2

Original certification date:

27/08/2013 (33/X01/1/6034688/1001/01)

Review date:

Valid until:

24/07/2021

Issued by: ECA, Bureau Veritas Spain, recognized as manufacturer certification body by "Ministerio de Fomento - Dirección General de Ferrocarriles".

At: **Zaragoza, (Spain)**

September 6th, 2018



Javier Irbigoyen
Technical Manager BV Spain

FILE: 28/X52/1/3690900/1001-1