



## Welding of Railway Vehicles and Components according to EN 15085-2

The Company: LPA Connection Systems

Welding Manufacturing Sites: N/A

Address: Light & Power House, Unit 16 Shire Hill, Saffron Walden, CB11 3AQ

Is certified to perform welding under certification level CL 1 according to EN 15085-2

Field of application: Design, development and manufacture including service support of electromechanical structure systems and components refurbishment activities for rail, aerospace and industrial sectors. Fabrication machining, welding and assembly of electromechanical products

### Range of Certification:

Welding Process according to EN ISO 4063	Material Group according to CEN ISO/TR 15608	Dimensions
131:MIG	Group 8 Austenitic stainless steel with Cr $\leq$ 19%	15mm – 60mm fillet weld
	Group 23.1 Aluminium-magnesium-silicon alloys	3mm – 25mm butt weld 6mm – 24mm fillet weld
135:MAG	Group 1.2 Steels $R_{eH} > 275\text{N/mm}^2 \leq 360\text{N/mm}^2$	1.4mm – 4mm butt weld 3mm – 12mm fillet weld
	Group 8 Austenitic stainless steel with Cr $\leq$ 19%	1mm – 4mm butt weld 1.4mm – 12mm fillet weld
141:TIG	Group 1.2 Steels $R_{eH} > 275\text{N/mm}^2 \leq 360\text{N/mm}^2$	2mm – 50mm fillet weld
	Group 8 Austenitic stainless steel with Cr $\leq$ 19%	1.5mm – 48mm fillet weld 1.4mm – 3mm butt weld
	Group 23.1 Aluminium-magnesium-silicon alloys	1.5mm – 6mm butt weld

Responsible Welding Coordinator:

Pedro Santos BSc, European / International Welding Engineer (d.o.b 21 November 1976) Level A

Deputy Responsible Welding Coordinator:

Kyle Stout, Advanced Diploma Performing Engineering Operations (Welding and Fabrication) (d.o.b 14 December 1987) Level C

Certificate Number: **CWRVC/065/GB**

Valid Until: **08/08/2025**

(subject to satisfactory periodic surveillance)

Issued On: **09/08/2022**

Head of Manufacturer Certification Body, TWI Certification Ltd

Issued by: TWI Certification Ltd, Granta Park, Great Abington, Cambridge, CB21 6AL, UK