



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

The Company: Laser Process Fabrication Ltd

Welding Manufacturing Sites: N/A

Address: Upper Keys, Keys Park, Cannock, Staffs, WS12 2GE

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

Field of application: Rail vehicle components above and below the solebar "WITHOUT DESIGN".

Range of Certification:

Welding Process according to EN ISO 4063	Material Group according to CEN ISO/TR 15608	Dimensions
131:MIG	Group 22.1 Al-Mg alloys	FW 1,05mm – 20,0mm
	Group 22.2 Al-Mg alloys with Mg ≤ 1.5%	
	Group 22.3 Al-Mg alloys with 1.5% < Mg ≤ 3.5%	
	Group 22.4 Al-Mg alloys with Mg > 3.5%	
	Group 23.1 Al-Mg-Si Heat treatable alloys	
135:MAG	Group 1.1 C-Mn steels $R_{eH} \leq 275N/mm^2$	FW 1,0mm – 20,0mm
	Group 8.1 Austenitic Stainless steels with Cr ≤ 19%	FW 1,12mm – 20,0mm
141:TIG	Group 1.1 C-Mn steels $R_{eH} \leq 275N/mm^2$	FW 1,4mm – 4,0mm
	Group 8.1 Austenitic stainless steels with Cr ≤ 19%	FW 1,0mm – 20,0mm
	Group 22.1 Al-Mg alloys	BW 1,5mm – 6,0mm Plug Weld 1,5mm – 6,0mm
	Group 22.2 Al-Mg alloys with Mg ≤ 1.5%	
	Group 22.3 Al-Mg alloys with 1.5% < Mg ≤ 3.5%	
	Group 22.4 Al-Mg alloys with Mg > 3.5%	
Group 23.1 Al-Mg-Si Heat treatable alloys		

Responsible Welding Coordinator:
Kevin Taylor IEng MWeldI, CSWIP 3.1 Welding Inspector, Level A

Deputy responsible Welding Coordinator:
Jacob Greenaway, CSWIP 3.1 Welding Inspector, Level C

Certificate Number: CWRVC/054/GB

Valid Until: 4 July 2024
(subject to satisfactory periodic surveillance)

Issued On: 31 March 2023

Head of Manufacturer Certification Body, TWI Certification Ltd

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