



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

The Company: Harmon Group

Welding Manufacturing Sites: N/A

Address: 55 Haviland Road, Ferndown Industrial Estate, Wimborne Minster, Dorset, BH21 7PY

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

Field of application: Welding, fabrication, modification, refurbishment & repair of railway vehicles & components "WITHOUT DESIGN" including safety critical parts, fuel tanks & simple unfired pressure vessels. Repairing railway vehicles & components at customer sites/depots

Range of Certification:

Welding Process according to EN ISO 4063	Material Group according to CEN ISO/TR 15608	Dimensions
111: MMA	Group 1.2 Steel with a specified minimum yield strength $275\text{N/mm}^2 < R_{eH} \leq 360\text{N/mm}^2$	3mm – 30mm fillet welds
131: MIG	Group 22.1 Aluminium – manganese alloys	3mm – 12mm fillets + Butts
	Group 22.2 Aluminium – magnesium alloys with $\text{Mg} \leq 1,5\%$	
	Group 22.3 Aluminium – magnesium alloys with $1,5\% < \text{Mg} \leq 3,5\%$	
	Group 22.4 Aluminium – magnesium alloys with $\text{Mg} > 3,5\%$	
135: MAG	Group 1.2 Steel with a specified minimum yield strength $275\text{N/mm}^2 < R_{eH} \leq 360\text{N/mm}^2$	3mm – 30mm Fillet & Butt

141: TIG	Group 1.1 Steels with a specified minimum yield strength $R_{eH} \leq 275 \text{ N/mm}^2$	3mm – 24mm
	Group 8.1 Austenitic stainless steels with $\text{Cr} \leq 19\%$	0,7mm – 24mm
	Group 22.1 Aluminium-manganese alloys	1,4mm – 20mm butt PP
	Group 22.2 Aluminium – magnesium alloys with $\text{Mg} \leq 1,5\%$	
	Group 22.3 Aluminium – magnesium alloys with $1,5\% < \text{Mg} \leq 3,5\%$	
	Group 22.4 Aluminium – magnesium alloys with $\text{Mg} > 3,5\%$	
	Group 23.1 Aluminium-magnesium-silicon alloys	2,25mm – 4,5mm
	Group 43 Nickel – chromium alloys (Ni-Cr-Fe-Mo) $\text{Ni} \geq 40\%$	6,35mm Fillets

Responsible Welding Coordinator:

Mike Baverstock, MSc CEng FWeldI, Certified European/International Welding Engineer, Level A

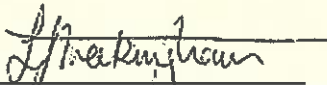
Deputy Welding Coordonator:

Tim Lanham, CSWIP 3.2.1 Senior Welding Inspector, Level C

Certificate Number: CWRVC/071/GB

Valid Until: 22 February 2026
(subject to satisfactory periodic surveillance)

Issued On: 23 February 2023



Head of Manufacturer Certification Body, TWI Certification Ltd

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