



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

The Company: Dyer Engineering Ltd

Welding Manufacturing Sites: N/A

Address: Harelaw Industrial Estate, North Road, Stanley, Co. Durham, DH9 8HJ

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

Types of activities performed. P = Production.

Field of application: The fabrication and welding of carbon-manganese steels, stainless steels and aluminium / aluminium alloys in conjunction with new build and refurbishment of railway vehicles and components to drawings and customer specifications.

Range of Qualification:

Welding Process according to EN ISO 4063	Material Group according to CEN ISO/TR 15608	Dimensions
131: MIG with solid wire	Group 22 Non heat treatable alloys	1,5mm – 6mm
	Group 23.1 Al-Mg-Si Heat treatable alloys	
135: MAG with solid wire	Group 1 Carbon steels $R_{eH} \leq 360 \text{ N/mm}^2$	Fillet Weld: $\geq 3\text{mm}$ Butt Weld: 3mm – 30mm
	Group 8.1 Austenitic stainless steels with $\text{Cr} \leq 19\%$	Fillet Weld: $\geq 1,4\text{mm}$ Butt Weld: 3mm – 30mm
	Group 8.1 Austenitic stainless steels with $\text{Cr} \leq 19\%$ welded to Group 1 Carbon steels $R_{eH} \leq 360 \text{ N/mm}^2$	Fillet Weld: $\geq 5\text{mm}$ Butt Weld: 7,5mm – 40mm
136: MAG with flux-cored wire	Group 1 Carbon steels $R_{eH} \leq 360 \text{ N/mm}^2$	Fillet Weld: $\geq 5\text{mm}$ Butt Weld: 3mm – 100mm
	Group 8.1 Austenitic stainless steels with $\text{Cr} \leq 19\%$	Fillet Weld: $\geq 3\text{mm}$ Butt Weld: 3mm – 30mm
	Group 8.1 Austenitic stainless steels with $\text{Cr} \leq 19\%$ welded to Group 3.1 Carbon steels $R_{eH} \leq 360 \text{ N/mm}^2 < 690 \text{ N/mm}^2$	Fillet Weld: $\geq 5\text{mm}$

141: TIG	Group 1 Carbon steels $R_{eH} \leq 360 \text{ N/mm}^2$	Fillet Weld: 1,75mm – 24mm Butt Weld: 3mm – 24mm
	Group 8.1 Austenitic stainless steels with $\text{Cr} \leq 19\%$	Fillet Weld: 3mm – 16mm Butt Weld: 3mm – 12mm
	Group 8.1 Austenitic stainless steels with $\text{Cr} \leq 19\%$ welded to Group 1 Carbon steels $R_{eH} \leq 360 \text{ N/mm}^2$	Fillet Weld: 3mm – 6mm
	Group 22 Non heat treatable alloys	Fillet Weld: 3mm – 10mm
	Group 23.1 Al-Mg-Si Heat treatable alloys welded to Group 22 Non heat treatable alloys	
	Group 23.1 Al-Mg-Si Heat treatable alloys	Fillet Weld: 3mm – 40mm Butt Weld: 3mm – 20mm

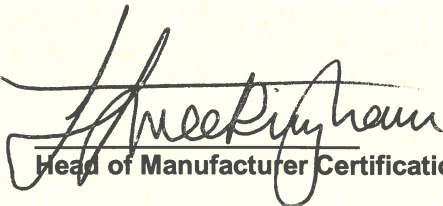
Responsible Welding Coordinator:  
Keith Temperley MWeldI, HNC Mechanical Engineering, CSWIP Welding Inspector, Level A

Deputy responsible Welding Coordinator:  
Lloyd Anderson EngTech TechWeldI, CSWIP Senior Welding Inspector, Level A

**Certificate Number: CWRVC/039/GB**

**Valid Until: 18 October 2026**  
(subject to satisfactory periodic surveillance)

**Issued On: 13 December 2024**



Head of Manufacturer Certification Body, TWI Certification Ltd

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