



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

The Company: Applied Inspection Ltd

Welding Manufacturing Sites: N/A

Address: Mosley Business Park, Mosley Street, Burton on Trent, Staffordshire, DE14 1DW

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

Types of activities performed: P = Production

Field of application: New build, conversion and repair of railway vehicles and components, depending upon their weld performance class, "WITHOUT DESIGN". Small manufacturer

Range of Qualification:

Welding Process according to EN ISO 4063	Material Group according to CEN ISO/TR 15608	Dimensions
111:MMA	1.2 Steels with a specified minimum yield strength $275 \text{ N/mm}^2 < R_{eH} \leq 360 \text{ N/mm}^2$	Fillet weld: >5mm
131:MIG	22 Non heat treatable alloys	Fillet weld: 3mm – 12mm Butt weld: 1,5mm – 16mm
	23.1 Al-Mg-Si alloys	
	23.2 Al-Zi-Mg alloys	Fillet weld: >20mm Butt weld: >20mm
135:MAG	1.1 Steels with a specified minimum yield strength $R_{eH} \leq 275 \text{ N/mm}^2$	Fillet weld 1,5mm – 24mm Butt weld: 1mm – 25mm
	1.2 Steels with a specified minimum yield strength $275 \text{ N/mm}^2 < R_{eH} \leq 360 \text{ N/mm}^2$	
	1.4 Steels with improved atmospheric corrosion resistance whose analysis may exceed the requirements for the single elements as indicated in group 1	

Capable to perform organisation, evaluation and approval of  
Qualification tests of welders and operators belonging to the company and in connection with the  
scope of this certificate are the following welding coordinator(s):

Phil Reynolds MSc, BSc, MWeldI, European/International Welding Engineer

Fred Hawksworth EngTech TechWeldI, CSWIP 3.2.1 Senior Welding Inspector

Marcus Austin, CSWIP 3.2.1 Senior Welding Inspector

141:TIG	1.1 Steels with a specified minimum yield strength $R_{eH} \leq 275 \text{ N/mm}^2$	Butt weld: 1,5mm – 6mm
	1.2 Steels with a specified minimum yield strength $275 \text{ N/mm}^2 < R_{eH} \leq 360 \text{ N/mm}^2$	Fillet welds: 1,4mm – 4mm & >5mm and above Butt weld: 3mm – 20mm
	8.1 Austenitic stainless steels with $\text{Cr} \leq 19\%$	Fillet weld: 0,3mm – 12mm Butt weld: 0,5mm – 4mm
	22 Non heat treatable alloys	Butt weld 3mm – 24mm
	23.1 Al-Mg-Si alloys	

**Responsible Welding Coordinator:**

Phil Reynolds MSc, BSc, MWeldI, European / International Welding Engineer (d.o.b 27/12/1958), Level A

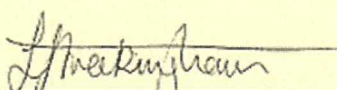
**Deputy responsible Welding Coordinators:**

Fred Hawksworth EngTech TechWeldI, CSWIP 3.2.1 Senior Welding Inspector (d.o.b. 20/04/1955), Level B  
 Marcus Asutin, CSWIP 3.2.1 Senior Welding Inspector (d.o.b 26/01/1972), Level C

**Certificate Number: CWRVC/031/GB**

**Valid Until: 20 December 2026**  
 (subject to satisfactory periodic surveillance)

**Issued On: 21 December 2023**



**Head of Manufacturer Certification Body, TWI Certification Ltd**

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

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