



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

The Company: R E Cooke Ltd

Welding Manufacturing Sites: N/A

Address: Brunel Drive, Stretton Business Park, Burton on Trent, Staffordshire, DE13 0BY

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

Field of application: New build conversion and repair of related parts and components for railway vehicles - 'Without Design'

### Range of Certification:

Welding Process according to EN ISO 4063	Material Group according to CEN ISO/TR 15608	Dimensions
135: MAG - Solid Wire	Group 1 - C-Mn Steels with $R_{eH} \leq 360$ N/mm <sup>2</sup>	Fillets 3mm – $\geq 5$ mm Butts 2,1mm – 12mm
141: TIG - Solid Wire	Group 1 - C-Mn Steels with $R_{eH} \leq 275$ N/mm <sup>2</sup>	Fillets 1,4mm – 32mm
	Group 8 - Austenitic Stainless Steels with Cr $\leq 19\%$	Fillets 1,1mm – 25,4mm Butts 1,1mm – 3,3mm
	Group 22.1 - Al-Mg alloys	Fillets 1mm – 12mm Butts 1,5mm – 10mm
	Group 22.2 - Al-Mg alloys Mg $\leq 1.5\%$	
	Group 22.3 - Al-Mg alloys $1.5\% < \text{Mg} \leq 3.5\%$	
	Group 22.4 - Al-Mg alloys Mg $> 3.5\%$	
Group 23.1 - Al-Mg-Si Heat treatable alloys		
784: Drawn Arc Stud Welding	Group 8 - Austenitic Stainless Steels with Cr $\leq 19\%$	1,5mm – 3mm thick with 2,5mm & 6mm Dia. Studs
	Group 22.4 - Al-Mg alloys Mg $> 3.5\%$	2mm thick with 6mm Dia. Studs

Responsible Welding Coordinator:

Mr Fred Hawksworth EngTech TechWeldI, CSWIP 3.2.1 Senior Welding Inspector (d.o.b 20 April 1955) Level A

Deputy Responsible Welding Coordinator:

Ms Leanne Reid, European / International Welding Specialist, (d.o.b 6 August 1989) Level C

**Certificate Number: CWRVC/015/GB**

**Valid Until: 18 April 2024**

(subject to satisfactory periodic surveillance)

**Issued On: 23 September 2022**

**TWI-Certification Ltd, Scheme Manager**

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