



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

The Company: L H Group Services Ltd.

Welding Manufacturing Sites: N/A

Address: Graycar Business Park, Barton Under Needwood, Burton on Trent, Staffordshire, DE13 8EN

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

Field of application: New build, conversion and repair of railway vehicles and components, depending upon their weld performance class, with design.

Range of Certification:

Welding Process according to EN ISO 4063	Material Group according to CEN ISO/TR 15608	Dimensions
MMA (111)	1.1 Steels $ReH \leq 275 \text{ N/mm}^2$	3.0mm – 36mm FW
	1.2 Steels $275 \text{ N/mm}^2 < ReH \leq 360 \text{ N/mm}^2$	
	8.3 Manganese austenitic stainless steel	
MAG (135)	1.1 Steels $ReH \leq 275 \text{ N/mm}^2$	2.0mm – 3.0mm FW 1.4mm – 2.6mm BW
	1.2 Steels $275 \text{ N/mm}^2 < ReH \leq 360 \text{ N/mm}^2$	3.0mm – 40.0mm FW 3.0mm – 24.0mm BW
TIG (141)	8.1 Austenitic stainless steels with $Cr \leq 19\%$	1.1mm – 4.0mm FW 2.0mm – 4.0mm BW
	23.1 Aluminium-magnesium-silicon alloys	1.6mm – 3.2mm FW 1.5mm – 8.0mm BW

Responsible Welding Coordinator: Mr Simon James Morris CEng MWeldI, Diploma in Mechanical & Production Engineering (Level A) (d.o.b 15 October 1961)

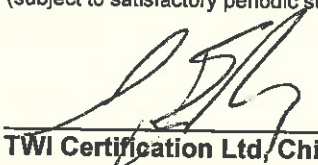
Deputy Responsible Welding Coordinator: Leon Derrick, CSWIP Welding Inspector, PCN Level 3 (Level B) (d.o.b 12 March 1967)

Remarks/Extensions: -

**Certificate Number: CWRVC/022/GB**

**Valid Until: 26 October 2019**  
(subject to satisfactory periodic surveillance)

**Issued On: 27 October 2016**

  
**TWI Certification Ltd/Chief Executive**