



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

The Company: Arthur Stephenson (Engineers) Limited

Welding Manufacturing Sites: N/A

Address: Gibfield Works, Colliery Lane, Atherton, Manchester, M46 0RD

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

Field of application: Fabrication and welding of carbon-manganese steels in conjunction with new build and repairs of rail components to existing drawings and customer specifications without design. Small welding manufacturer with a single welding shop.

Range of Certification:

Welding Process according to EN ISO 4063	Material Group according to CEN ISO/TR 15608	Dimensions
121: SAW	Group 1 C-Mn Steels with a specified minimum yield strength $R_{eH} \leq 355\text{N/mm}^2$	Butt weld: 22mm – 88mm Fillet weld: $\geq 5\text{mm}$
135: MAG		Group 3 Quenched and tempered fine-grain Steels with a specified minimum yield strength $R_{eH} \leq 690\text{N/mm}^2$
	136: MAG	Group 1 C-Mn Steels welded to Group 3 Quenched and tempered fine-grain Steels with a specified minimum yield strength $R_{eH} \leq 355\text{N/mm}^2$ welded to $R_{eH} \leq 690\text{N/mm}^2$
141: TIG		Group 1 C-Mn Steels with a specified minimum yield strength $R_{eH} \leq 355\text{N/mm}^2$
	Group 3 Quenched and tempered fine-grain Steels with a specified minimum yield strength $R_{eH} \leq 690\text{N/mm}^2$	Butt weld: 10mm – 120mm Fillet weld: $\geq 5\text{mm}$
		Butt weld: 6.25mm – 25mm Fillet weld: $\geq 3\text{mm}$
		Butt weld: 30mm – 120mm

Responsible Welding Coordinator:

Mr Robert Ash BEng (Hons) MWeldI, European / International Welding Engineer (d.o.b 26/10/1985) Level A

Deputy Responsible Welding Coordinator:

Mr Craig Rodgers, CSWIP 3.1 Welding Inspector, PCN II Magnetic Particle Inspection (d.o.b 10/06/1988) Level C

Certificate Number: CWRVC/057/GB

Valid Until: 27 October 2024
(subject to satisfactory periodic surveillance)

Issued On: 29 October 2021

Head of Manufacturer Certification Body, TWI Certification Ltd

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



iiW Manufacturer Certification Scheme

SCHEDULE

Schedule Revision Date 29/10/2021 Rev. 4

Related to Certificate Number 150116/GB Rev. 1

Product/Construction standard(s)
NORSOK M-101 System 7 / AWS D1.1 / BS EN 1090-2 EXC3

Alternative Standard(s) (refer to ISO 3834-5, clause 2.1 b)

Welding Process(es) (ISO 4063)
MMA (111) / SAW (121) / MAG (135) / FCAW (136) / TIG (141)

Parent Material Group(s) (ISO/TR 15608)
Group 1 / Group 43

Responsible Welding Coordination Personnel

Name (Qualification)	Job Title	Technical knowledge
R Ash BEng (Hons) MWeldI, European / International Welding Engineer	RWC	Comprehensive
C. Rodgers, CSWIP 3.1 Welding Inspector, PCN II Magnetic Particle Inspection	Deputy RWC	Basic

ANBCC Governing Board Representative
Julio Tolaini

Scheme Manager
Emma Freckingham



The standards and documents referred in the certificate and schedule are those valid at the time of certification

EFW Manufacturer Certification System

SCHEDULE

Schedule Revision Date 29/10/2021 Rev. 4

Related to Certificate Number 150116/GB Rev. 1

Product/Construction standard(s)

NORSOK M-101 System 7 / AWS D1.1 / BS EN 1090-2 EXC3

Alternative Standard(s) (refer to EN ISO 3834-5, clause 2.1 b)**Welding Process(es) (EN ISO 4063)**

MMA (111) / SAW (121) / MAG (135) / FCAW (136) / TIG (141)

Parent Material Group(s) (CEN ISO/TR 15608)

Group 1 / Group 43

Responsible Welding Coordination Personnel

Scheme	Name (Qualification)	Job Title	Technical knowledge
ISO 3834-2	R. Ash BEng (Hons) MWeldI, European / International Welding Engineer	RWC	Comprehensive
	C. Rodgers, CSWIP 3.1 Welding Inspector, PCN II Magnetic Particle Inspection	Deputy RWC	Basic

ANBCC Governing Board Representative

Julio Tolaini



Scheme Manager

Emma Freckingham

