



The Company: WEC Group

Welding Manufacturing Sites: Welding Engineering

Address: Spring Vale Road, Darwen, Lancashire, BB3 2ES

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

Field of application: EN 15085 CL1, CL2 and CL3 products, C-Mn steels, Cr-Mo steels, Q and T steels, stainless steels, nickel-chromium alloys and aluminium alloys.

Welding Process according to EN ISO 4063	Material Group according to CEN ISO/TR 15608	Material thickness range for fillet welds	Material thickness range for butt welds
	Group 1 C-Mn steels	5mm & above	3mm - 90mm
	Group 3 Quenched and tempered steels	3mm - 7.6mm	N/A
111: MMA	Group 8 Austenitic stainless steels	N/A	3mm – 30mm
	Group 10 Austenitic ferritic stainless steels	5mm & above	3mm – 20mm
	Group 11 Carbon steels with 0,25% < C ≤ 0,35%	N/A	3mm - 11.1mm
	Group 1 C-Mn steels	3mm – 20mm	3mm – 20mm
121: SAW	Group 8 Austenitic stainless steels	6mm – 15.6mm	6mm - 15.6mm
	Group 11 Carbon steels with 0,25% < C ≤ 0,35%	3mm – 20mm	3mm – 20mm
131: MIG	Group 22 & 23 Aluminium alloys	3mm – 31.7mm	3mm – 20mm
	Group 1 C-Mn steels	1.4mm & above	1.4mm - 80mm
	Group 3 Quenched and tempered steels	3mm & above	3mm – 30mm
	Group 7 Ferritic stainless steels	1.4mm – 4mm	N/A
135: MAG	Group 8 Austenitic stainless steels	1.4mm & above	1mm – 60mm
	Group 10 Austenitic ferritic stainless steels	3mm & above	3mm – 60mm
	Group 11 Carbon steels with 0,25% < C ≤ 0,35%	5mm & above	N/A
	Group 43 Nickel-Chromium alloys	3mm – 8mm	3mm – 8mm
	Group 1 C-Mn steels	3mm & above	3mm - 120mm
	Group 3 Quenched and tempered steels	3mm – 30mm	5mm – 20mm
136: FCAW	Group 5 Cr Mo steels	30mm – 120mm	N/A
	Group 8 Austenitic stainless steels	5mm & above	20mm – 80mm
	Group 10 Austenitic ferritic stainless steels	5mm & above	3mm – 70mm

	Group 1 C-Mn steels	4.5	4.5 50
		1.5mm - 50mm	1.5 mm – 50mm
	Group 3 Quenched and tempered steels	3mm – 12mm	7.5mm – 16.5mm
	Group 8 Austenitic stainless steels	0.75mm & above	0.75mm – 40mm
	Group 10 Austenitic ferritic stainless steels	1.6mm & above	1.6mm - 58.5mm
	Group 11 Carbon steels with 0,25% < C ≤ 0,35%	1.9mm & above	1.9mm - 11.1mm
	23.1 Heat treatable alloys: Al-Mg-Si alloys		
	22.1 to 22.1 Aluminium-manganese alloys		
141: TIG	22.2 to 22.2a Aluminium-magnesium alloys with		
	Mg ≤ 1.5%		
	22.3 to 22.3a Aluminium-magnesium alloys with		
	$Mg > 1.5\% \le 3.5\%$	1mm – 30mm	1mm – 30mm
	22.4 to 22.4ª Aluminium-magnesium alloys with		
	Mg > 3.5%		
	23.1 Heat treatable alloys: Al-Mg-Si alloys welded		
	to Non-heat-treatable alloy combinations of 22.1,		
	22.2ª, 22.3ª, 22.4ª		
	Group 43 Nickel-Chromium alloys	N/A	3mm – 20mm
^a Provided Al-Mg filer material is used			

Welding Process according to EN ISO 4063	Material Group according to CEN ISO/TR 15608	Material thickness range for LAP Joints
212: Spot-Resistance Weld	Group 1 C-Mn steels	3mm
	Group 8 Austenitic stainless steels	1.5mm – 2mm

Responsible Welding Coordinator:

Mr Vasyl Kruk, IWE (d.o.b 10th January 1980) Level A

Responsible Welding Coordinator:

Mr William Barr IEng MWeldl, IWE / EWE, HNC, CSWIP 3.2.1 Senior Welding Inspector, (d.o.b 2nd March 1985) Level A

Deputy Responsible Welding Coordinator:

Mr Tyler Atkinson EngTech TechWeldl, HNC, CSWIP 3.1 Welding Inspector, NVQ Level 3 (d.o.b 29th August 1999) Level B

Deputy Responsible Welding Coordinator:

Mr Wayland Sutton, CSWIP 3.1 Welding Inspector (d.o.b 4th August 1958) Level C

Certificate Number: CWRVC/027/GB

Valid Until: 15/09/2023

(subject to satisfactory periodic surveillance)

Issued On: 09/11/2021

Head of Manufacturer Certification Body, TWI Certification Ltd



The Company: WEC Group

Welding Manufacturing Sites: Laser Engineering UK

Address: Britannia House, Junction Street, Darwen, Lancashire, BB3 2RB

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

Field of application: EN 15085 CL1, CL2 and CL3 products, C-Mn steels, Cr-Mo steels, Q and T steels, stainless steels, nickel-chromium alloys and aluminium alloys.

Welding Process according to EN ISO 4063	Material Group according to CEN ISO/TR 15608	Material thickness range for fillet welds	Material thickness range for butt welds
	Group 1 C-Mn steels	5mm & above	3mm – 90mm
	Group 3 Quenched and tempered steels	3mm – 7.6mm	N/A
111: MMA	Group 8 Austenitic stainless steels	N/A	3mm – 30mm
	Group 10 Austenitic ferritic stainless steels	5mm & above	3mm – 20mm
	Group 11 Carbon steels with 0,25% < C ≤ 0,35%	N/A	3mm – 11.1mm
	Group 1 C-Mn steels	3mm – 20mm	3mm – 20mm
121: SAW	Group 8 Austenitic stainless steels	6mm – 15.6mm	6mm - 15.6mm
	Group 11 Carbon steels with 0,25% < C ≤ 0,35%	3mm – 20mm	3mm – 20mm
131: MIG	Group 22 & 23 Aluminium alloys	3mm – 31.7mm	3mm – 20mm
	Group 1 C-Mn steels	1.4mm & above	1.4mm - 80mm
	Group 3 Quenched and tempered steels	3mm & above	3mm – 30mm
	Group 7 Ferritic stainless steels	1.4mm – 4mm	N/A
135: MAG	Group 8 Austenitic stainless steels	1.4mm & above	1mm – 60mm
	Group 10 Austenitic ferritic stainless steels	3mm & above	3mm – 60mm
	Group 11 Carbon steels with 0,25% < C ≤ 0,35%	5mm & above	N/A
	Group 43 Nickel-Chromium alloys	3mm – 8mm	3mm – 8mm
	Group 1 C-Mn steels	3mm & above	3mm 120mm
	Group 3 Quenched and tempered steels	3mm – 30mm	5mm – 20mm
136: FCAW	Group 5 Cr Mo steels	30mm – 120mm	N/A
	Group 8 Austenitic stainless steels	5mm & above	20mm – 80mm
	Group 10 Austenitic ferritic stainless steels	5mm & above	3mm - 70mm

	Group 1 C-Mn steels	1.5mm – 50mm	1.5 mm – 50mm
	Group 3 Quenched and tempered steels	3mm – 12mm	7.5mm – 16.5mm
	Group 8 Austenitic stainless steels	0.75mm & above	0.75mm – 40mm
	Group 10 Austenitic ferritic stainless steels	1.6mm & above	1.6mm - 58.5mm
	Group 11 Carbon steels with 0,25% < C ≤ 0,35%	1.9mm & above	1.9mm – 11.1mm
	23.1 Heat treatable alloys: Al-Mg-Si alloys		
	22.1 to 22.1 Aluminium-manganese alloys		
141: TIG	22.2 to 22.2ª Aluminium-magnesium alloys with		
	Mg ≤ 1.5%		
	22.3 to 22.3a Aluminium-magnesium alloys with		
	Mg > 1.5% ≤ 3.5%	1mm – 30mm	1mm – 30mm
	22.4 to 22.4a Aluminium-magnesium alloys with		
	Mg > 3.5%		
	23.1 Heat treatable alloys: Al-Mg-Si alloys welded		
	to Non-heat-treatable alloy combinations of 22.1,		
	22.2ª, 22.3ª, 22.4ª		
	Group 43 Nickel-Chromium alloys	N/A	3mm – 20mm
^a Provided Al-Mg filer material is used			

Welding Process according to EN ISO 4063	Material Group according to CEN ISO/TR 15608	Material thickness range for LAP Joints
212: Spot-Resistance Weld	Group 1 C-Mn steels	3mm
212. Opot-Nesistance Weig	Group 8 Austenitic stainless steels	1.5mm – 2mm

Responsible Welding Coordinator:

Mr Vasyl Kruk, IWE (d.o.b 10th January 1980) Level A

Responsible Welding Coordinator:

Mr William Barr lEng MWeldl, IWE / EWE, HNC, CSWIP 3.2.1 Senior Welding Inspector, (d.o.b 2nd March 1985) Level A

Deputy Responsible Welding Coordinator:

Mr Tyler Atkinson EngTech TechWeldl, HNC, CSWIP 3.1 Welding Inspector, NVQ Level 3 (d.o.b 29th August 1999) Level B

Deputy Responsible Welding Coordinator:

Mr Wayland Sutton, CSWIP 3.1 Welding Inspector (d.o.b 4th August 1958) Level C

Certificate Number: CWRVC/059/GB

Valid Until: 15/09/2023

(subject to satisfactory periodic surveillance)

Issued On: 09/11/2021

Head of Manufacturer Certification Body, TWI Certification Ltd





The Company: WEC Group

Welding Manufacturing Sites: Special Projects

Address: Britannia House, Junction Street, Darwen, Lancashire, BB3 2RB

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

Field of application: EN 15085 CL1, CL2 and CL3 products, C-Mn steels, Cr-Mo steels, Q and T steels, stainless steels, nickel-chromium alloys and aluminium alloys.

Welding Process according to EN ISO 4063	Material Group according to CEN ISO/TR 15608	Material thickness range	Material thickness range for butt
7000	Group 1 C-Mn steels	for fillet welds	welds
		5mm & above	3mm - 90mm
444. 14144	Group 3 Quenched and tempered steels	3mm – 7.6mm	N/A
111: MMA	Group 8 Austenitic stainless steels	N/A	3mm – 30mm
	Group 10 Austenitic ferritic stainless steels	5mm & above	3mm – 20mm
	Group 11 Carbon steels with 0,25% < C ≤ 0,35%	N/A	3mm – 11.1mm
	Group 1 C-Mn steels	3mm – 20mm	3mm – 20mm
121: SAW	Group 8 Austenitic stainless steels	6mm – 15.6mm	6mm - 15.6mm
	Group 11 Carbon steels with 0,25% < C ≤ 0,35%	3mm - 20mm	3mm – 20mm
131: MIG	Group 22 & 23 Aluminium alloys	3mm – 31.7mm	3mm – 20mm
	Group 1 C-Mn steels	1.4mm & above	1.4mm - 80mm
	Group 3 Quenched and tempered steels	3mm & above	3mm – 30mm
	Group 7 Ferritic stainless steels	1.4mm – 4mm	N/A
135: MAG	Group 8 Austenitic stainless steels	1.4mm & above	1mm - 60mm
	Group 10 Austenitic ferritic stainless steels	3mm & above	3mm - 60mm
	Group 11 Carbon steels with 0,25% < C ≤ 0,35%	5mm & above	N/A
	Group 43 Nickel-Chromium alloys	3mm – 8mm	3mm – 8mm
	Group 1 C-Mn steels	3mm & above	3mm - 120mm
	Group 3 Quenched and tempered steels	3mm – 30mm	5mm – 20mm
136: FCAW	Group 5 Cr Mo steels	30mm – 120mm	N/A
	Group 8 Austenitic stainless steels	5mm & above	20mm - 80mm
	Group 10 Austenitic ferritic stainless steels	5mm & above	3mm - 70mm

	Group 1 C-Mn steels	1.5mm – 50mm	1.5 mm – 50mm
	Group 3 Quenched and tempered steels	3mm – 12mm	7.5mm - 16.5mm
	Group 8 Austenitic stainless steels	0.75mm & above	0.75mm – 40mm
	Group 10 Austenitic ferritic stainless steels	1.6mm & above	1.6mm - 58.5mm
	Group 11 Carbon steels with 0,25% < C ≤ 0,35%	1.9mm & above	1.9mm - 11.1mm
	23.1 Heat treatable alloys: Al-Mg-Si alloys		
	22.1 to 22.1 Aluminium-manganese alloys		
141: TIG	22.2 to 22.2° Aluminium-magnesium alloys with]	
	Mg ≤ 1.5%	J	
	22.3 to 22.3a Aluminium-magnesium alloys with		
	Mg > 1.5% ≤ 3.5%	1mm – 30mm	1mm – 30mm
	22.4 to 22.4a Aluminium-magnesium alloys with		
	Mg > 3.5%		
	23.1 Heat treatable alloys: AI-Mg-Si alloys welded		
	to Non-heat-treatable alloy combinations of 22.1,		
	22.2 ^a , 22.3 ^a , 22.4 ^a		
	Group 43 Nickel-Chromium alloys	N/A	20000 20000
^a Provided Al-Mg filer		IN/A	3mm – 20mm

Welding Process according to EN ISO 4063	Material Group according to CEN ISO/TR 15608	Material thickness range for LAP Joints
212: Spot-Resistance Weld	Group 1 C-Mn steels	3mm
	Group 8 Austenitic stainless steels	1.5mm – 2mm

Responsible Welding Coordinator:

Mr Vasyl Kruk, IWE (d.o.b 10th January 1980) Level A

Responsible Welding Coordinator:

Mr William Barr lEng MWeldl, IWE / EWE, HNC, CSWIP 3.2.1 Senior Welding Inspector, (d.o.b 2nd March 1985) Level A

Deputy Responsible Welding Coordinator:

Mr Tyler Atkinson EngTech TechWeldl, HNC, CSWIP 3.1 Welding Inspector, NVQ Level 3 (d.o.b 29th August 1999) Level B

Deputy Responsible Welding Coordinator:

Mr Wayland Sutton, CSWIP 3.1 Welding Inspector (d.o.b 4th August 1958) Level C

Certificate Number: CWRVC/058/GB

Valid Until: 15/09/2023

(subject to satisfactory periodic surveillance)

Issued On: 09/11/2021

of Manufacturer Certification Body, TWI Certification Ltd



The Company: HTA Group Ltd (Part of WEC Group)

Welding Manufacturing Sites: N/A

Address: 7040-7060, Middlemarch Business Park, Siskin Pkwy E, Coventry, CV3 4PE

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

Field of application: EN 15085 CL1, CL2 and CL3 products, C-Mn steels, Cr-Mo steels, Q and T steels, stainless steels, nickel-chromium alloys and aluminium alloys.

Welding Process according to EN ISO 4063	Material Group according to CEN ISO/TR 15608	Thickness range for fillet welds	Thickness range for butt welds
	Group 22.1 Al-Mg alloys		
	Group 22.2 Al-Mg alloys with Mg ≤ 1.5%	1.5mm – 31mm	
131: MIG	Group 22.3 Al-Mg alloys with 1.5% < Mg ≤ 3.5%		3mm – 20mm
	Group 22.4 Al-Mg alloys ith Mg > 3.5%		
	Group 23.1 Al-Mg-Si heat treatable alloys		
135: MAG solid wire	Group 1 C-Mn Steels ReH ≤360N/mm²	≥1.4mm	0.8mm - 80mm
	Group 3 Quenched & Tempered steels	2.1mm - 32mm	3mm – 32mm
	Group 8 Austentic stainless steel with Cr ≤19%	≥1.5mm	1.5mm – 40mm
	Group 10 Austenitic ferritic stainless steels with Cr ≤24%		3mm – 60mm
	Group 43 Nickel Chromium alloys	≥3mm	6mm – 24mm
136: MAG with flux cored	Group 1 C-Mn Steels ReH ≤360N/mm²		3mm – 64mm
wire	Group 3 Quenched & Tempered steels	3mm – 18mm	5mm – 20mm
	Group 8 Austentic stainless steels with Cr ≤19%		20mm – 90mm
	Group 10 Austenitic ferritic stainless steels with Cr ≤24%	≥5mm	3mm – 70mm

	Group 1 C-Mn Steels R _{eH} ≤360N/mm ²	1.4mm – 50mm	3mm – 6mm
141: TIG solid wire	Group 3 Quenched & Tempered steels	3mm - 12mm	N/A
	Group 8 Austentic stainless steel with Cr ≤19%	≥0.7mm	0.75mm – 20mm
	Group 10 Austenitic ferritic stainless steels with Cr ≤24%	1.6mm – 6mm	1.6mm – 90mm
171. 110 Solid Wife	Group 11 C-Mn steels with 0.30 <c≤0.35< td=""><td colspan="2">1.9mm - 11.08mm</td></c≤0.35<>	1.9mm - 11.08mm	
	Group 22.1 Al-Mg alloys	0.75mm – 10mm	1mm – 10mm
	Group 22.2 Al-Mg alloys with Mg ≤ 1.5%		
	Group 22.3 Al-Mg with 1.5% < Mg ≤ 3.5%		
	Group 22.4 Al-Mg with Mg > 3.5%		
	Group 23.1 Al-Mg-Si heat treatable alloys		
784: Short cycle drawn	Group 1 C-Mn Steels R _{eH} ≤360N/mm ²	≥2.5mm	
arc stud welding	Group 8 Austentic stainless steels with Cr ≤19%	1.5mm – 6mm	
212: Direct spot welding	Group 1 C-Mn Steels ReH ≤360N/mm²	3mm	

Responsible Welding Coordinator: Mr Vasyl Kruk, IWE (d.o.b 10th January 1980) Level A

Responsible Welding Coordinator:

Mr William Barr IEng MWeldl, IWE / EWE, HNC, CSWIP 3.2.1 Senior Welding Inspector, (d.o.b 2nd March 1985) Level A

Deputy Responsible Welding Coordinator:

Mr Tyler Atkinson EngTech TechWeldl, HNC, CSWIP 3.1 Welding Inspector, NVQ Level 3 (d.o.b 29th August 1999) Level B

Issued On: 09/11/2021

Deputy Responsible Welding Coordinator:

Mr Wayland Sutton, CSWIP 3.1 Welding Inspector (d.o.b 4th August 1958) Level C

Certificate Number: CWRVC/024/GB

Valid Until: 18/05/2023

(subject to satisfactory periodic surveillance)

Head of Manufacturer Certification Body, TWI Certification Ltd