



TWI Certification Ltd

Granta Park, Great Abington, Cambridge CB21 6AL, UK

Certificate of Conformity of the Factory Production Control

A UKAS accredited certification body No.2400-CPR-20170053

in compliance with the Construction Products Regulation 2011 (retained EU law EUR 305/2011) as amended by the Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020 this certificate applies to the construction product(s)

Structural steelwork

placed on the market under the name or trade mark of:

***Darchem Engineering Ltd
Darchem Project Division Manufacturing Facilities
Ironmasters Way
Stillington
Stockton-on-Tees
TS21 1LB***

***and produced in the manufacturing plant(s)
Stillington***

Is submitted by the manufacturer to the initial type-testing of the product, a factory production control and to the further testing of samples taken at the factory in accordance with the prescribed test plan and that the approved body No. 2400 TWI Certification Ltd has performed the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard *EN 1090-1:2009+A1: 2011* under AVCP system 2+ and method of declaration Method 3a is applied and that the factory production control is assessed to be in conformity with the applicable requirements. This certificate was first issued on 18 May 2017 and will remain valid until 17 May 2026 as long as neither the harmonised standard, the construction products, the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the approved factory production control certification body.

First Issue Date: 18/05/2017
Current Issue Date: 21/03/2024
Date of Expiry: 17/05/2026

Emma Freckingham
Head of Company Certification

The validity of the certificate may be confirmed at the web address: www.twicertification.com



TWI Certification Ltd

Granta Park, Great Abington, Cambridge CB21 6AL, UK

Schedule for 2400-CPR-20170053

This Schedule is an Annex to the Certificate of conformity 2+ of the UK Factory Production Control (FPC) 2400-CPR-20170053 in compliance with EN1090-1:2009 Annex B – Table B.1. It is hereby stated that

Darchem Engineering Ltd
Darchem Project Division Manufacturing Facilities
Ironmasters Way
Stillington
Stockton-on-Tees
TS21 1LB

Covers Execution Class EXC 4 under

EN 1090-1 & EN 1090-2 with the following welding processes according to EN ISO 4063:

Welding process (ISO 4063)	Parent material groups (CEN ISO/TR 15608)	Thickness range butt welds	Thickness range fillet welds	Remarks
MMA (111)	Rebar – BS 4449:2005	-	≥5mm	Diameter range 32mm – 40mm
	B500C welded to plate Group 1.2			
	Rebar – BS 4449:2005			
	B500C welded to plate Group 8.1			
MAG (135)	Group 1	3mm – 100mm	≥5mm	-
	Group 8			
FCAW (136)	Group 8	3mm – 24mm	≥5mm	-
TIG (141)	Group 1	3mm – 16mm	≥5mm	-
	Group 8	3mm – 24mm		-
Drawn Arc Stud welding (783)	Group 1.2	≥5.5mm	-	22mm Diameter stud
		≥6.25mm	-	25mm Diameter stud
	Group 8	Stud to plate thickness 6mm – 30mm	-	13mm Diameter stud
			-	22mm Diameter stud
	Group 8.1	≥3.25mm	-	13mm Diameter stud
		≥4mm	-	16mm Diameter stud
Short cycle Drawn Arc Stud welding (784)	Group 8	Stud to plate thickness 5mm	-	6mm – 8mm Diameter studs

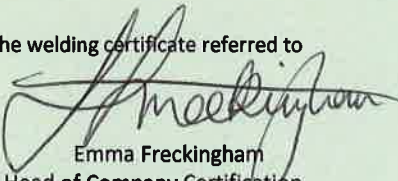
Under the responsibility of the Welding Coordinators:

David Coulson IEng MWeldI, European / International Welding Technologist, for EXC4

Adam Palmer, European / International Welding Technologist, for EXC4

(Quality according to EN ISO 3834 – 2, welding coordination according to EN ISO 14731). This is the welding certificate referred to in EN 1090-1, Annex B, Table B.1).

First Issue Date: 18/05/2017
Current Issue Date: 21/03/2024
Date of Expiry: 17/05/2026


Emma Freckingham
Head of Company Certification

The validity of the certificate may be confirmed at the web address: www.twicertification.com