



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. 0025
Certificate No 2400-CPR-20160038

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 steel

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

*Responsive Engineering Ltd
Armstrong Works
Scotswood Road
Newcastle upon Tyne
NE15 6UX
United Kingdom*

and produced in the manufacturing plant

Newcastle upon Tyne, United Kingdom

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 3b is applied and that the factory production control is assessed to be in conformity with the applicable requirements. This certificate was first issued on 3 March 2016 and will remain valid until 28 February 2028 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the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the approved factory production control certification body.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: 03/03/2016
Current Issue Date: 05/05/2026
Date of Expiry: 28/02/2028


Emma Freckingham
Head of Company Certification

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



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Schedule for 2400-CPR-20160038

This Schedule is an Annex to the Certificate of conformity 2+ of the UK Factory Production Control (FPC) 2400-CPR-20160038 in compliance with EN 1090-1:2009+A1: 2011 Annex B – Table B.1. It is hereby stated that

*Responsive Engineering Ltd
 Armstrong Works
 Scotswood Road
 Newcastle upon Tyne
 NE15 6UX
 United Kingdom*

Covers Execution Class 3 under EN 1090-1 & EN 1090-2 with the following welding processes according to EN ISO 4063:

Welding process (ISO 4063)	Parent material (CEN ISO/TR 15608)	Thickness range Butt welds	Thickness range Fillet welds
MMA (111)	Group 1	3mm – 20mm	≥ 5mm
MAG (135)		3mm – 24mm	
FCAW (136)		3mm – 160mm	3mm – 24mm

Under the responsibility of the Welding Coordinators:

Steven Long BSc, European / International Welding Engineer, for EXC3
 Kenneth Simpson, European / International Welding Engineer, for EXC3
 Harvey Johnson, European / International Welding Specialist, for EXC3

(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).

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Covers Execution Class 3 under EN 1090-1 & EN 1090-2 with the following holing, cutting & shaping methods:

Holing	Material	Thickness Range
Drill	Group 1	30mm – 40mm
		Diameter ranges: 40mm – 70mm
Plasma		8mm – 50mm
		Diameter ranges: 20mm – 60mm
Laser		6mm – 25mm
		Diameter ranges: ≥ 5mm
Waterjet		20mm – 50mm
		Diameter ranges: ≥ 5mm

Cutting Methods	Material	Thickness Range
Shearing	Group 1	≤ 6mm
Plasma		8mm – 50mm
Laser		6mm – 25mm
Waterjet		20mm – 50mm

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