

TWI Certification Ltd, Granta Park, Great Abington,  
Cambridge, CB21 6AL, United Kingdom

## ***Certificate of Conformity of the Factory Production Control***

**2400-CPR-20160038**

in compliance with the *Regulation (EU) No 305/2011 of The European Parliament and of the council of 9 March 2011* (the Construction Products Regulation or CPR) this certificate applies to the construction product(s)

### ***Structural steel***

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

***Responsive Engineering Ltd  
Scotswood Road  
Newcastle  
NE15 6UX***

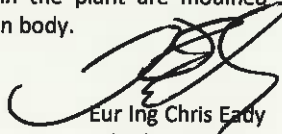
*and produced in the manufacturing plant(s)*

***Newcastle***

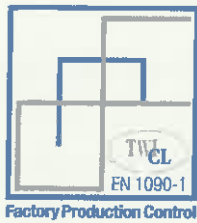
is submitted by the manufacturer to the initial type-testing of the product, a factory production control and to the further testing of samples taken at the factory in accordance with the prescribed test plan and that the notified body No. 2400 TWI Certification Ltd has performed the initial inspection 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 are 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 2019 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the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified factory production control certification body.

First Issue Date: 03/03/2016  
Current Issue Date: 21/07/2017  
Date of Expiry: 28/02/2019

  
Eur Ing Chris Eady  
Chief Executive

The validity of the certificate may be confirmed at the web address: [www.en1090cert.org](http://www.en1090cert.org)



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### Schedule for 2400-CPR-20160038

This Schedule is an Annex to the Certificate of conformity 2+ of the Factory Production Control (FPC) 2400 CPR-20160038 in compliance with EN1090-1:2009 Annex B – Table B.1. It is hereby stated that

**Responsive Engineering Ltd**  
Scotswood Road  
Newcastle  
NE15 6UX

Covers Execution Class EXC3 under

EN 1090-1 and 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 ranges butt welds	Thickness range fillet welds	Remarks
MMA (111)	Group 1	3mm – 20mm	≥ 5mm	Multi-layer fillet welds
SAW (121)		20mm – 80mm		
MAG (135)		3mm – 24mm	3mm – 24mm	
FCAW (136)		3mm – 160mm		

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

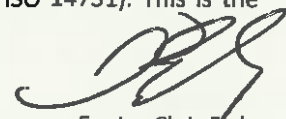
Cutting methods	Materials	Thickness ranges
Shearing	Group 1	≤ 6mm
Water jet		20mm – 50mm
Plasma		8mm – 50mm
Laser		6mm – 25mm
Oxy-fuel		50mm – 100mm

Under the responsibility of the Welding Coordinator:

Mr V Pinto, EngTech TechWeldI, CSWIP 3.2.1 Senior Welding Inspector for EXC3.

Mr P Dodds, European / International Welding Specialist, CSWIP 3.1 Welding Inspector 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).

  
Eur Ing Chris Eady  
Chief Executive

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