



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-20140010

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 work

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

*Hadee Engineering Co Ltd
New Street
Holbrook Industrial Estate
Holbrook
Sheffield
S20 3GH*

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

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 22 July 2014 and will remain valid until 20 July 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the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the approved factory production control certification body.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: 22/07/2014
Current Issue Date: 12/05/2023
Date of Expiry: 20/07/2026


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-20140010

This Schedule is an Annex to the Certificate of conformity 2+ of the UK Factory Production Control (FPC) 2400-CPR-20140010 in compliance with EN1090-1:2009 Annex B – Table B.1. It is hereby stated that

*Hadee Engineering Co Ltd
New Street
Holbrook Industrial Estate
Holbrook
Sheffield
S20 3GH*

Covers Execution Class EXC 3 under

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

<i>Welding process (ISO 4063)</i>	<i>Parent material groups (CEN ISO/TR 15608)</i>	<i>Thickness range butt welds</i>	<i>Thickness range fillet welds</i>
<i>SAW (121)</i>	<i>Group 1</i>	<i>15mm – 60mm</i>	<i>20mm – 80mm</i>
<i>MAG (135)</i>		<i>3mm – 200mm</i>	<i>≥ 5mm</i>
<i>FCAW (136)</i>		<i>8mm – 32mm</i>	
<i>MAG (138)</i>		<i>12mm – 200mm</i>	<i>≥ 5mm</i>
<i>Holing</i>	<i>Material</i>	<i>Thickness Range</i>	
<i>Drill</i>	<i>Group 1</i>	<i>6mm – 100mm</i>	
<i>Plasma</i>		<i>3mm – 25mm</i>	
<i>Cutting Methods</i>	<i>Material</i>	<i>Thickness Range</i>	
<i>Plasma</i>	<i>Group 1</i>	<i>3mm – 25mm</i>	
<i>Oxy-Fuel</i>		<i>25mm – 150mm</i>	

Under the responsibility of the Welding Coordinator:

Eur Ing Raymond Fyfe, CEng MWeldI, Certified European / International Welding Engineer, for EXC3

Mr Peter Quinn, HNC Fabrication & Welding, Specific (limited scope), 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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