

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

Certificate of Conformity of the Factory Production Control

2400-CPR-20140006

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)

Tubular, plate, angle and hollow box sections, I and H section beams, tubular nodes and plate nodes

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

***Harland & Wolff Heavy Industries
Queens Island
Belfast
BT3 9DU***


and produced in the manufacturing plant(s)

Queens Island, Belfast

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 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 20 June 2014 and will remain valid until 30 May 2020 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the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified factory production control certification body.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: 20/06/2017
Current Issue Date: 31/05/2017
Date of Expiry: 30/05/2020


Euring Chris Eady
Chief Executive

The validity of the certificate may be confirmed at the web address: www.en1090cert.org



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Schedule for 2400-CPR-20140006

This Schedule is an Annex to the Certificate of conformity 2+ of the Factory Production Control (FPC) 2400 CPR-20140006 in compliance with EN1090-1:2009 Annex B – Table B.1. It is hereby stated that

Harland & Wolff Heavy Industries Ltd
Queens Island
Belfast
BT3 9DU

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 range butt welds	Thickness range fillet welds
MMA (111)	Group 1	3mm – 23mm	>5mm
SAW (121)	Group 1 & 2	15mm – 60mm	
MAG (135)	Group 1	12mm – 51mm	
FCAW (136)		3mm – 15mm	
TIG (141)			

Holing	Material	Thickness Range
Drill	Group 1 & 2	50mm Max
Plasma		10mm Max

Cutting Methods	Material	Thickness Range
Plasma	Group 1 & 2	10mm Max
Oxy-Fuel		10mm – 100mm

Under the responsibility of the Welding Coordinator:

Mr Alan Haley SenMWeldI for EXC 3

Mr Kevin Radcliffe BEng IEng MWeldI, European/International Welding Engineer for EXC 3

Mr Chris Campbell, CSWIP Welding Inspector for EXC 3

(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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