

EUROPEAN FEDERATION FOR WELDING, JOINING AND CUTTING



Having satisfied the requirements of the EWF Manufacturer Certification System for the following Scheme(s):

Welding Quality Management Scheme EN ISO 3834 Part [2] (Doc. EWF 636 – Part 1)

Company: Harland & Wolff Heavy Industries Ltd

The Unit: N/A

Located in: Belfast

is certified for the product(s):

Ship repair, offshore structures, units and modules, civil and tubular structures

with the scope of work stated in the attached Schedule

Certificate number and revision status: 120064/GB – Rev. 1

First Issue date: 26/11/2012

Current issue date: 31/05/2017

Date of expiry: 30/05/2022

ANBCC Governing Board Representative

Julio Tolaini

Scheme Manager

Chris Eady

TWI Certification Ltd, United Kingdom



This certificate is subject to the rules established by EWF for the certification of Companies

EFW Manufacturer Certification System

SCHEDULE

Extent of validity of EWF Certificate N° 120064/GB Rev. 2

Product standard(s):

DNV-OS-C401

Alternative Standard(s) (refer to EN ISO 3834 – 5)

Welding process (ISO 4063)		Parent material groups (CEN ISO/TR 15608)
MMA	(111)	Group 1 Carbon steel
SAW	(121)	Group 2 Thermomechanically treated steels
MAG	(135)	
FCAW	(136)	
MCAW	(138)	
TIG	(141)	

Responsible Coordination Personnel:

Scheme**	Name	Qualification	Job function and level***
ISO 3834	A Haley	SenMWeldI	Comprehensive
	K Radcliffe	BEng IEng MWeldI, EWE/IWE	Comprehensive
	C Campbell	CSWIP 3.1	Basic

**Specify EN ISO 3834, EMS or SMS

*** In the case of EN ISO 3834 scheme, the level must be stated in order to comply with EN ISO 14731

ANBCC Governing Board Representative



Julio Tolaini

Scheme Manager



Chris Eady



INTERNATIONAL INSTITUTE OF WELDING



**Having satisfied the requirements of the IIW
Manufacturer Certification Scheme for the
Management of Quality in Welding**

The Unit: N/A

Located in: Belfast

Company: **Harland & Wolff Heavy Industries Ltd**

is certified in accordance with

ISO 3834 Part 2 – Doc. IAB 337

For the product(s): Ship repair, offshore structures, units and modules, civil and tubular structures

with the scope of work stated in the attached Schedule

Certificate number and revision status: 120064/GB – Rev. 1

First Issue date: 26/11/2012

Current issue date: 31/05/2017

Date of expiry: 30/05/2022

ANBCC Governing Board Representative

Julio Tolaini

Scheme Manager

Chris Eady

TWI Certification Ltd, United Kingdom



This Certificate is subject to the rules established by IIW
for the certification of Companies





IIW Manufacturer Certification Scheme

SCHEDULE

Extent of validity of IIW Certificate N° 120064/GB Rev. 2

Product standard(s):

DNV-OS-C401

Alternative Standard(s) (refer to ISO 3834 – 5)

Welding process (ISO 4063)		Parent material groups (ISO/tr 15608)
MMA	(111)	Group 1 Carbon steel
SAW	(121)	Group 2 Thermomechanically treated steels
MAG	(135)	
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Responsible Coordination Personnel:

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A Haley	SenMWeldI	Comprehensive
K Radcliffe	BEng IEng MWeldI, EWE/IWE	Comprehensive
C Campbell	CSWIP 3.1	Basic

*** The level must be stated in order to comply with ISO 14731

ANBCC Governing Board Representative

Scheme Manager

Julio Tolaini

Chris Eady



The standards and documents referred in the certificate and schedule are those valid at the time of certification



TWI Certification Ltd

Welding Fabricator Certification Scheme

Registration Number 120064/GB Rev 1

This is to Certify that

Harland & Wolff Heavy Industries Ltd

*has been assessed in accordance with the
Rules of the scheme in respect of their control
of welding operations involved in the manufacture of:*

***Ship repair, offshore structures, units and modules, civil
and tubular structures***

as shown on the attached Schedule

***The Company's Welding Management System
complies with ISO 3834 Part 2 and EWF/IIW requirements***

Full details are held on the TWI register of Certified Companies



Chairman

Certification Management Board



Scheme Manager

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



Schedule

<i>Harland & Wolff Heavy Industries Ltd Queens Island Belfast BT3 9DU</i>	<i>Registration Number 120064/GB Issue 2 Valid: 31 March 2017 to 30 March 2022 (subject to satisfactory periodic surveillance)</i>
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Product range:

Ship repair, offshore structures, units and modules, civil and tubular structures.

Materials

*Group 1 Carbon steel
Group 2 Thermomechanically treated steel*

A handwritten signature in black ink, appearing to be 'M. J. ...', positioned above the title 'Chairman'.

Chairman
Certification Management Board

A handwritten signature in black ink, appearing to be 'A. J. ...', positioned above the title 'Scheme Manager'.

Scheme Manager