



TWI Certification Ltd

Welding Fabricator Certification Scheme

Registration Number 110040/GB Rev 3

This is to Certify that

Responsive Engineering 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:*

***Fabrication and welding of structures and components
for use in oil, gas, power, defence, aviation, construction
and related industries.***

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



Schedule

*Responsive Engineering Ltd
Scotswood Road
Newcastle
NE15 6UX*

*Registration Number 110040/GB
Issue 4
Valid: 4 March 2016 to 28 February 2021
(subject to satisfactory periodic surveillance)*

Product range:

Fabrication and welding of structures and components for use in oil, gas, power, defence, aviation, construction and related industries.

Materials

*Group 1 Carbon steels
Group 2 Thermomechanically treated steel
Group 3 Quenched and tempered steel
Group 4 Low vanadium alloyed Cr-Mo
Group 5 Cr-Mo steel
Group 6 High vanadium alloyed Cr-Mo
Group 8 Austenitic stainless steel
Group 10 Austenitic ferritic stainless steel (duplex)
Group 22 Non heat-treatable aluminium alloys
Group 23 Heat treatable aluminium alloys
Group 43 Nickel-chromium alloys
Group 51 Pure Titanium*

Chairman
Certification Management Board

Scheme Manager



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: Newcastle
Company: **Responsive Engineering Ltd**

is certified in accordance with

ISO 3834 Part 2 – Doc. IAB 337

For the product(s): Fabrication and welding of structures and components for use in oil, gas, power, defence, aviation, construction and related industries.

with the scope of work stated in the attached Schedule

Certificate number and revision status: 110040/GB – Rev. 3

First Issue date: 29/03/2011

Current issue date: 04/03/2016

Date of expiry: 28/02/2021

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° 110040/GB Rev. 3

Product standard(s):

AWS D1.1 EN 1090-2 EXC 3 Client spec

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

ASME IX BS EN ISO 15614-1 ASNT SNT-TC-1A

Welding process (ISO 4063)		Parent material groups (ISO/tr 15608)
MMA	(111)	Group 1 / Group 8
MAG	(135)	Group 2 / Group 10
FCAW	(136)	Group 3 / Group 22
TIG	(141)	Group 4 / Group 23
		Group 5 / Group 43
		Group 6 / Group 51

Responsible Coordination Personnel:

Name	Qualification	Job function and level***
P Dodds	EWS/IWS, CSWIP 3.1	Comprehensive
V Pinto	EngTech TechWeldI, CSWIP 3.2.1	Comprehensive

*** 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

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)

The Unit: N/A

Located in: Newcastle

Company: Responsive Engineering Ltd

is certified for the product(s):

Fabrication and welding of structures and components for use in oil, gas, power, defence, aviation, construction and related industries.

with the scope of work stated in the attached Schedule

Certificate number and revision status: 110040/GB – Rev. 3

First Issue date: 29/03/2011

Current issue date: 04/03/2016

Date of expiry: 28/02/2021

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° 110040/GB Rev. 2

Product standard(s):

AWS D1.1	EN 1090-2 EXC 3	Client spec
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Alternative Standard(s) (refer to EN ISO 3834 – 5)

ASME IX	BS EN ISO 15614-1	ASNT SNT-TC-1A
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Welding process (ISO 4063)		Parent material groups (CEN ISO/TR 15608)
MMA	(111)	Group 1 / Group 8
MAG	(135)	Group 2 / Group 10
FCAW	(136)	Group 3 / Group 22
TIG	(141)	Group 4 / Group 23
		Group 5 / Group 43
		Group 6 / Group 51

Responsible Coordination Personnel:

Scheme**	Name	Qualification	Job function and level***
ISO 3834	P Dodds	EWS/IWS, CSWIP 3.1	Comprehensive
	V Pinto	EngTech TechWeldI, CSWIP 3.2.1	Comprehensive

**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

Scheme Manager



Julio Tolaini



Chris Eady