

# 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:** Responsive Engineering Limited

**The Unit:** N/A

**Located in:** Newcastle

**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. 4

**First Issue date:** 29/03/2011

**Current issue  
date:** 10/05/2021

**Date of expiry:** 05/05/2026

**ANBCC Governing Board Representative**

Julio Tolaini

**Scheme Manager**

Emma Freckingham

TWI Certification Ltd, United Kingdom



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



# EUROPEAN FEDERATION FOR WELDING, JOINING AND CUTTING

Schedule Revision Date 08/08/2023 Rev. 6

Related to Certificate Number 110040/GB Rev. 4

**Product/Construction standard(s)**  
AWS D1.1 / EN 1090-2 EXC 3 / Client Spec

**Alternative Standard(s) (refer to EN ISO 3834-5, clause 4.1 b)**  
ASME IX / BS EN ISO 15614-1 / ASNT SNT-TC-1A

**Welding Process(es) (EN ISO 4063)**  
MMA (111) / SAW (121) / MIG (131) / MAG (135), Robotic MAG (135) / FCAW (136) / TIG (141) /  
Short-cycle drawn arc stud welding (783)

**Parent Material Group(s) (CEN ISO/TR 15608)**  
Group 1 / Group 2 / Group 3 / Group 5 / Group 7 / Group 8 / Group 10 / Group 11 / Group 21 /  
Group 22 / Group 23 / Group 35 / Group 43 / Group 45 / Group 47 / Group 51

## Responsible Welding Coordination Personnel

Scheme	Name (Qualification)	Job Title	Technical knowledge
ISO 3834	K. Simpson, European / International Welding Engineer	Senior Welding Engineer	Comprehensive
	S. Long BSc, CSWIP 3.0 Visual Welding Inspector, European / International Welding Technologist	Responsible Welding Coordinator	Comprehensive
	P. Milligan, CSWIP 3.1 Welding Inspector, PCN II MT	Deputy rWC	Basic

**ANBCC Certification Scheme Committee  
Representative**  
George Gair

TWI Certification Ltd, United Kingdom

**Scheme Manager**

Emma Freckingham







# INTERNATIONAL INSTITUTE OF WELDING

Having satisfied the requirements of the  
IIW Manufacturer Certification Scheme  
according to ISO 3834



**Company:** Responsive Engineering Limited

**The Unit:** N/A

**Located in:** Newcastle

**is certified in accordance with**

## BS EN ISO 3834 Part 2

**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. 4

**First issue date:** 29/03/2011

**Current issue date:** 10/05/2021

**Date of expiry:** 05/05/2026

**ANBCC Governing Board Representative**

Julio Tolaini

**Scheme Manager**

Emma Freckingham

TWI Certification Ltd, United Kingdom



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







# INTERNATIONAL INSTITUTE OF WELDING

Schedule Revision Date 08/08/2023 Rev. 6

Related to Certificate Number 110040/GB Rev. 4

**Product/Construction standard(s)**  
ASW D1.1 / EN 1090-2 EXC 3 / Client Spec

**Alternative Standard(s) (refer to ISO 3834-5, clause 4.1 b)**  
ASME IX / BS EN ISO 15614-1 / ASNT SNT-TC-1A

**Welding Process(es) (ISO 4063)**  
MMA (111) / SAW (121) / MIG (131) / MAG (135), Robotic MAG (135) / FCAW (136) /  
TIG (141) / Short-cycle drawn arc stud welding (783)

**Parent Material Group(s) (ISO/TR 15608)**  
Group 1 / Group 2 / Group 3 / Group 5 / Group 7 / Group 8 / Group 10 / Group 11 / Group 21 /  
Group 22 / Group 23 / Group 35 / Group 43 / Group 45 / Group 47 / Group 51

## Responsible Welding Coordination Personnel

Name (Qualification)	Job Title	Technical knowledge
K. Simpson, European / International Welding Engineer	Senior Welding Engineer	Comprehensive
S. Long BSc, CSWIP 3.0 Visual Welding Inspector, European / International Welding Technologist	Responsible Welding Coordinator	Comprehensive
P. Milligan, CSWIP 3.1 Welding Inspector, PCN II MT	Deputy rWC	Basic

## ANBCC Certification Scheme Committee

### Representative

George Gair

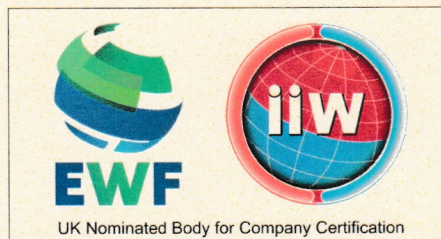
TWI Certification Ltd, United Kingdom

## Scheme Manager

Emma Freckingham







# **TWI Certification Ltd**

## **Welding Fabricator Certification Scheme**

*Registration Number 110040/GB Rev 4*

*This is to Certify that*

### ***Responsive Engineering Limited***

*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*

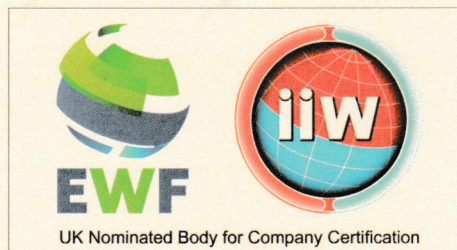
*Full details are held on the TWI register of Certified Companies*

Chairman  
Certification Management Board

Scheme Manager

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





## Schedule

<b>Responsive Engineering Limited</b> <b>Armstrong Works</b> <b>Scotswood Road</b> <b>Newcastle</b> <b>NE15 6UX</b>	<b>Registration Number 110040/GB</b> <b>Issue 5</b> <b>Valid: 10 May 2021 to 05 May 2026</b> <i>(subject to satisfactory periodic surveillance)</i>
---	--

### **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 steels  
 Group 3 Quenched and tempered steels  
 Group 5 Cr-Mo steels  
 Group 7 Ferritic stainless steels  
 Group 8 Austenitic stainless steels  
 Group 10 Austenitic ferritic stainless steels  
 Group 11 Steels covered by group 1 except  $0.25\% < C \leq 0.85\%$   
 Group 21 Pure Aluminium  
 Group 22 Non heat treatable alloys  
 Group 23 Heat treatable alloys  
 Group 35 Copper-aluminium alloys  
 Group 43 Nickel-chromium alloys  
 Group 45 Nickel-iron-chromium alloys  
 Group 47 Nickel-iron-chromium-copper alloys  
 Group 51 Pure Titanium

Chairman  
Certification Management Board

Scheme Manager