

# 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:** Arc Energy Resources Ltd

**The Unit:** N/A

**Located in:** Eastington

**is certified for the product(s):**

High alloy clad products and assemblies for the Oil & Gas, Nuclear and Defence sectors. Welded Structural steel products

**with the scope of work stated in the attached Schedule**

**Certificate number and revision status:** 110039/GB – Rev. 3

**First Issue date:** 14/03/2011

**Current issue date:** 26/05/2021

**Date of expiry:** 24/05/2026

**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**

# EFW Manufacturer Certification System

## SCHEDULE

Schedule Revision Date 26/05/2021 Rev. 8

Related to Certificate Number 110039/GB Rev. 3

### Product/Construction standard(s)

BS EN 1090-2 Exe 3 / API 1104 / ASME VIII Div 1 & 2 / DNV-OS-F101 / API 6A / API 16A / BS 4515 / PD5500 / DNV-OS-E101 / ASME B31.3

### Alternative Standard(s) (refer to EN ISO 3834-5, clause 2.1 b)

### Welding Process(es) (EN ISO 4063)

MMA (111) / SAW (121) / MAG (135) / FCAW (136) / TIG (141) / TIG (142) / ESW (721)

### Parent Material Group(s) (CEN ISO/TR 15608)

Group 1 (ASME P No. 1) / Group 2 / Group 3 / Group 5 (AISI 4130) / Group 6 (ASME P No. 15E) / Group 7 / Group 8 (ASME P No. 8) / Group 10 (ASME P No. 10H) / Group 11 / Group 34 (ASME P No. 34) / Group 35 / Group 43 (ASME P No. 43) / Group 45 (ASME P No. 45)

### Responsible Welding Coordination Personnel

Scheme	Name (Qualification)	Job Title	Technical knowledge
ISO 3834	P Crumpton EngTech TechWeldI, International / European Welding Specialist	Welding Engineering Manager	Comprehensive
	J Haines CEng International / European Welding Engineer	Senior Welding Engineer	Comprehensive
	C Page, International / European Welding Engineer	Welding Engineer	Specific

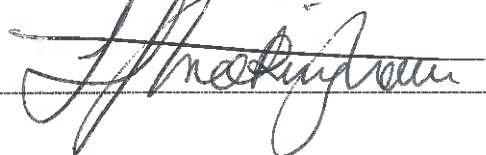
ANBCC Governing Board Representative

Julio Tolaini



Scheme Manager

Emma Freckingham





# INTERNATIONAL INSTITUTE OF WELDING

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



**Company:** Arc Energy Resources Ltd

**The Unit:** N/A

**Located in:** Eastington

is certified in accordance with

## BS EN ISO 3834 Part 2

**For the product(s):** High alloy clad products and assemblies for the Oil & Gas, Nuclear and Defence sectors. Welded Structural steel products

with the scope of work stated in the attached Schedule

**Certificate number and revision status:** 110039/GB – Rev. 3

**First issue date:** 14/03/2011

**Current issue date:** 26/05/2021

**Date of expiry:** 24/05/2026

**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



# IIW Manufacturer Certification Scheme

## SCHEDULE

Schedule Revision Date 26/05/2021 Rev. 8

Related to Certificate Number 110039/GB Rev. 3

**Product/Construction standard(s)**

BS EN 1090-2 Exe 3 / API 1104 / ASME VIII Div 1 & 2 / DNV-OS-F101 / API 6A / API 16A / BS 4515 / PD5500 / DNV-OS-E101 / ASME B31.3

**Alternative Standard(s) (refer to ISO 3834-5, clause 2.1 b)**

**Welding Process(es) (ISO 4063)**

MMA (111) / SAW (121) / MAG (135) / FCAW (136) / TIG (141) / TIG (142) / ESW (721)

**Parent Material Group(s) (ISO/TR 15608)**

Group 1 (ASME P No. 1) / Group 2 / Group 3 / Group 5 (AISI 4130) / Group 6 (ASME P No. 15E) / Group 7 / Group 8 (ASME P No. 8) / Group 10 (ASME P No. 10H) / Group 11 / Group 34 (ASME P No. 34) / Group 35 / Group 43 (ASME P No. 43) / Group 45 (ASME P No. 45)

**Responsible Welding Coordination Personnel**

Name (Qualification)	Job Title	Technical knowledge
P Crumpton EngTech TechWeldI, International / European Welding Specialist	Welding Engineering Manager	Comprehensive
J Haines CEng International / European Welding Engineer	Senior Welding Engineer	Comprehensive
C Page, International / European Welding Engineer	Welding Engineer	Specific

ANBCC Governing Board Representative  
Julio Tolaini

Scheme Manager  
Emma Freckingham



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 110039/GB Rev 3*

*This is to Certify that*

# **Arc Energy Resources 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:*

***High alloy clad products and assemblies for the Oil &  
Gas, Nuclear and Defence sectors. Welded Structural  
steel products***

*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>Arc Energy Resources Ltd Unit 12, Eastington Industrial Estate Meadow Mill Eastington Gloucestershire GL10 3RZ</i>	<i>Registration Number 110039/GB Issue 5 Valid: 26 May 2021 to 24 May 2026 (subject to satisfactory periodic surveillance)</i>
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**Product range:**

*High alloy clad products and assemblies for the Oil & Gas, Nuclear and Defence sectors. Welded Structural steel products*

**Materials:**

- Group 1 (ASME P No. 1) Carbon steels*
- Group 2 Thermomechanically treated steels*
- Group 3 Quenched and tempered steels*
- Group 5 (AISI 4130) Cr-Mo steels*
- Group 6 (ASME P No. 15E) High vanadium alloyed Cr-Mo-(Ni) steels*
- Group 7 Ferritic stainless steels*
- Group 8 (ASME P No. 8) Austenitic stainless steels*
- Group 10 (ASME P No. 10H) Austenitic ferritic stainless steels*
- Group 11 Steel covered by group 1 except  $0.25\% < C \leq 0.85\%$*
- Group 34 (ASME P No. 34) Copper-nickel alloys*
- Group 35 Copper-aluminium alloys*
- Group 43 (ASME P No. 43) Nickel-chromium alloys*
- Group 45 (ASME P No. 45) Nickel-iron-chromium alloys*

Chairman  
Certification Management Board

Scheme Manager

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