

# CERTIFICATE

Management system as per  
**BS EN ISO 3834-2:2005**

**Quality Requirements for the Fusion Welding of Metallic Materials – Comprehensive Quality Requirements.**

In accordance with TÜV UK Ltd procedures, it is hereby certified that

## ECF Special Alloys

**Lawn Road, Carlton, Lindriek, Worksop, Nottinghamshire, S81 9LB, United Kingdom**

applies a quality and welding management system in line with the above standard for the following scope:

and as listed on the annex to this certificate

<b>Product Type:</b>	The design, manufacture and fabrication of process plant equipment for the Oil, Gas, Petro-chemical & Pharmaceutical Industries to nationally recognised standards, internationally recognised standards and client specifications.
<b>Product Standards:</b>	ASME B31.3:2020, ASME VIII:2021 (Div.1 & U Stamp), PD 5500:2021, EN 13445 Parts 1-54, EN 13480 Parts 1-5:2017, PESR 2016: No 1105, PED 2014/68/EU and client specifications as applicable.
<b>Welding and Inspection Standards:</b>	ISO 15614-1:2004+A2:2012, ISO 15614-1:2017, ISO 15614-8:2016, ISO 5817:2014, ISO 9606-1:2017, ISO 9606-4:1999, ISO 9606-5:2000, ASME B31.3:2020, ASME V:2021, PD 5500:2021, EN 13445 Parts 4 & 5, EN 13480 Parts 4 & 5, ISO 15156-3:2015, TEMA:9th Ed., ASME IX:2021, NORSOK M-601:2016 and application standards as applicable.
<b>Parent Materials:</b>	Carbon Manganese steels groups 1.1, 1.2, 1.3, 1.4, Austenitic stainless steels group: 8, Duplex stainless steels group 10.1 & 10.2, Carbon Manganese steels with 0.30% < C ≤ 0.85% steel group 11, Aluminium & Aluminium alloys groups 21, 22 & 24, Copper & Copper alloys groups 34 & 35, Nickel & Nickel alloys groups 42, 43 & 44, Titanium group 51 and Zirconium group 61 as per ISO 15608:2017.
<b>Welding and Allied Processes:</b>	131: MIG - Metal Inert Gas welding with single solid wire electrode, 135: MAG - Metal Active Gas welding with single solid wire electrode, 136: MAG - Metal Active Gas welding with flux cored electrode and 141: TIG - Manual Tungsten-Inert Gas Welding as per BS EN ISO 4063:2010
<b>Welding Co-ordinators:</b>	Mr. J. Garner: International Welding Engineer – IWE/GB/00245 Mr. J. Pocklington: Responsible Welding Co-ordinator

Certificate No: GB01223  
Annex No: n/a  
Audit Report No: 2022/29827



Valid until: 01/09/2023  
Initial Certification: 01/09/2014  
Effective Date: 13/04/2022



Signed for and on behalf of TÜV UK Ltd, the Certification Body

This certificate, which remains the property of TÜV UK Ltd, was issued in accordance with the TÜV UK Ltd auditing and certification procedures as amended from time to time, and its validity is subject to regular surveillance audits.