Certificate of Accreditation

Castings Technology International Limited

Testing Laboratory No. 0144

Is accredited in accordance with International Standard ISO/IEC 17025:2017 – General Requirements for the competence of testing and calibration laboratories.

This accreditation demonstrates technical competence for a defined scope specified in the schedule to this certificate, and the operation of a management system (refer joint ISO-ILAC-IAF Communiqué dated April 2017). The schedule to this certificate is an essential accreditation document and from time to time may be revised and reissued.

The most recent issue of the schedule of accreditation, which bears the same accreditation number as this certificate, is available from www.ukas.com.

This accreditation is subject to continuing conformity with United Kingdom Accreditation Service requirements.

Matt Gantley, *Chief Executive Officer*
United Kingdom Accreditation Service

Initial Accreditation: 26 June 1982
Certificate Issued: 25 January 2024

Scan QR Code to verify

UKAS is appointed as the sole national accreditation body for the UK by The Accreditation Regulations 2009 (SI No 3155/2009) and operates under a Memorandum of Understanding (MoU) with the Department for Business and Trade (DBT).

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

0144

Accredited to ISO/IEC 17025:2017

Castings Technology International Limited

Issue No: 072 **Issue date:** 19 June 2026

Advanced Manufacturing Park
Brunel Way
Rotherham
South Yorkshire
S60 5WG

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E-Mail: n.chowdhury@castingstechnology.com
Website: www.castingstechnology.com

Testing performed by the Organisation at the locations specified below

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address Advanced Manufacturing Park Brunel Way Rotherham South Yorkshire S60 5WG **Local contact** N Chowdhury Tel: +44 (0)114 2158300 Fax: +44 (0)114 2880010	SUPPORT FUNCTIONS: QUALITY SYSTEM QUALITY AUDIT ADMINISTRATION SAMPLING AND TESTING: ENGINEERING MATERIALS, MACHINERY, STRUCTURES & PRODUCTS METALS & WELDMENTS - CHEMICAL & PHYSICAL CARBON/ SULPHUR/ OXYGEN/ NITROGEN ELEMENTAL ANALYSIS METALLURGICAL TESTING: METALS & WELDMENTS NDT (Radiography / Visual / MPI / Dye Penetrant	A

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Testing performed by the Organisation at the locations specified

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
METALS & WELDMENTS			
METALS and ALLOYS	<u>Metallography</u>		
Castings	Volume fraction manual point count method	ASTM E562-19^{e}1	A
	Inclusion or Second-Phase Constituent Content of Metals by Automatic Image Analysis	ASTM E1245-03(2023)	A
	Non-metallic Inclusion content	BS 7926:1998	A
Titanium Alloys	Alpha case determination (Microscopic Method)	BS EN 2003-009:2007 (Method A and Method B), Documented In-House Method OP056	A
	Nitrogen, Oxygen and Hydrogen	Documented In-House Method OP 040 using inert gas fusion techniques	A
	Carbon	Documented In-House Method OP 040 inert gas fusion techniques	A
	<u>Elemental Analysis</u>		
Steel Castings	Nitrogen, Oxygen and Hydrogen	Documented In-House Method OP 040 using inert gas fusion techniques	A
	Carbon	Documented In-House Method OP 040 inert gas fusion techniques	A
Plain Carbon, Low Alloy and Stainless Steels Cast Irons	Fe, C, Si, Mn, P, S, Cr, Mo, Ni, Al, As, B, Ca, Co, Cu, Nb, Pb, Sb, Sn, Ta, Ti, V, W, Zn, Zr, N_2	Documented In-House Method OP 040 using spark optical emission spectrometry techniques	A
Titanium Base Alloys	Al, Cr, Cu, Fe, Mn, Mo, Nb, Ni, Si, Sn, Ti, V, Zr, C	Documented In-House Method OP 040 using spark optical emission spectrometry techniques	A

0144 Accredited to ISO/IEC 17025:2017	**Schedule of Accreditation** **issued by** **United Kingdom Accreditation Service** 2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK **Castings Technology International Limited** **Issue No:** 072 **Issue date:** 19 June 2026

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
METALS and ALLOYS Castings and Weldments	<u>Non-Destructive Tests</u>		
	Radiography: X-ray up to 320keV	ASTM E94M-22, ASTM E1742M-23 Documented In-House Method OP 816	A
	Colour contrast dye penetrant	BS EN ISO 3452:2013 ASTM E1417M21-e1 ASTM E165M-23 Documented In-House Method OP 420	A
	Fluorescent dye penetrant	BS EN ISO 3452:2013 ASTM E1417M21-e1 ASTM E165M-23 Documented In-House Method OP 818	A
END			