


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

| | | |
|---|--|---|
|  4355 Accredited to ISO/IEC 17025:2017 | Sheffield Forgemasters Engineering Limited (Trading as RD Testing) | |
| | Issue No: 020 Issue date: 11 February 2025 | |
| | PO Box 286 Brightside Lane Sheffield South Yorkshire S9 2RW | Contact: Mr J Dobson Tel: +44 (0)114 251 9599 Fax: +44 (0)114 251 9011 E-Mail: jdobson@sfel.com Website: www.sheffieldforgemasters.com |
| Testing performed at the above address only | | |

DETAIL OF ACCREDITATION

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used |
|-----------------------------------|--|---|
| METALS, ALLOYS and METAL PRODUCTS | <u>Mechanical Tests</u> | |
| | Tensile test (ambient) (Forces up to 250kN) | BS EN ISO 6892-1:2019 ASTM A370-24 ASTM E8/E8M-24 |
| | Impact: Charpy (V-notches) (-196°C to +250°C) Including % crystallinity and lateral expansion | BS EN ISO 148-1:2016 ASTM E23-24 |
| | Impact: Charpy (V-notch) | ASTM A370-24 |
| | Pellini drop weight | ASTM E208-20e ¹ |
| | <u>Fracture Toughness</u> (Temperature range from -180°C to 350°C) | |
| | Fracture Toughness (CT Geometry – Single and Multi Specimen – CTOD, J1c and JR Curve) | ASTM E1820-24 |
| | Fracture Toughness (CT Geometry – Reference Temperature T ₀ determination) | ASTM E1921-24 |



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Issue No: 020 **Issue date:** 11 February 2025

Testing performed at main address only

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used |
|--|---|--|
| METALS, ALLOYS and METAL PRODUCTS (cont'd) | <u>Hardness</u> Brinell (5/750 HBW, 10/3000 HBW) Rockwell (B & C Scales) Vickers (HV10 & HV30) | BS EN ISO 6506-1:2014 ASTM E10-23 BS EN ISO 6508-1:2024 ASTM E18-24 BS EN ISO 6507-1:2023 ASTM E92-23 |
| END | | |