

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

| | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
|  0074 Accredited to ISO/IEC 17025:2017 | Element Materials Technology Aerospace UK Limited | |
| | Issue No: 043 Issue date: 01 December 2020 | |
| | 21 Charlton Drive Corgreaves Industrial Estate Cradley Heath Warley West Midlands B64 7BJ | Contact: Mr M Sprague Tel: +44 (0)1384 564021 Fax: +44 (0)1384 638281 E-Mail: mark.sprague@element.com Website: www.element.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 21 Charlton Drive Corgreaves Industrial Estate Cradley Heath Warley West Midlands B64 7BJ | Local contact Mr M Sprague | Metals & Weldments Non-Destructive testing |
| Address Buckland Road Pen Mill Trading Estate Yeovil BA21 5EA | Local contact Mr. F. Prata | Metals & Weldments Non-Destructive testing |
| Address Cosgrove Close Blackpole Worcester WR3 8UA | Local contact Mr. C. Dance | Metals & Weldments Non-Destructive testing |

Site activities performed away from the location listed above:

| Location details | Activity | Location code |
|--------------------------|--------------------------------------|-----------------------------------------------|
| Customers premises (any) | Local contact Mr J Needham | Metals & Weldments Non-Destructive testing |



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DETAIL OF ACCREDITATION

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | Location Code |
|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| LIGHT and DENSE METALS and ALLOYS including castings, forgings and weldments | <u>Non-Destructive Tests</u> | | |
| | Liquid Penetrant Method Fluorescent - in line Colour contrast (manual application) | BS 6443:1984 (Withdrawn) BS M39:1972 BS EN 571-1:1997 (Withdrawn) BS EN ISO 3452-1:2013 RPS 702:Issue 10 (Withdrawn) R05-6101 Issue 15 ABP 6-5230 Issue 12 981-060-021 Issue 29 AWPS006X Issue E DEF STAN 02-729 Part 4:2013 ASTM E165/E165M-18 ASME V:2019 ASTM E1417/E1417M-16 RRP 58003 Issue J | A & D |
| | Liquid Penetrant Method: Fluorescent and colour contrast (manual application) | BS 6443:1984 (Withdrawn) BS M39:1972 BS EN 571-1:1997 (Withdrawn) BS EN ISO 3452-1:2013 RPS 702 Issue 10 (Withdrawn) R05-6101 Issue 14 AWPS006X Issue E DEF STAN 02-729 Part 4:2013 ASTM E165/E165M-18 ASME V:2019 RRP 58003 Issue J | B |



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| | <u>Non-Destructive Tests</u> (cont'd) | | |
| LIGHT and DENSE METALS and ALLOYS including castings, forgings and weldments | Radiography X-Ray 50 keV - 350 keV Betatron 7.5 Mev Gamma radiography Ir 192 up to 3.7 TBq (100 Ci) Se 75 up to 3.7 TBq (100 Ci) | RRP58006 Issue E BS M34:1970(1984) BS 2600:Part 1:1983 (Withdrawn) BS 2600:Part 2:1973 (Withdrawn) BS 2910:1986 (Withdrawn) BS 7257:1989 (Withdrawn) BS EN 444:1994 (Withdrawn) BS EN ISO 5579:2013 BS EN 1435:1997 (Withdrawn) BS EN ISO 17636-1:2013 RPS 704:Issue 7 (Withdrawn) R05-6113 Issue 8 ABP 6-5346 Issue 6 (Withdrawn) *** 981-060-022 Issue 17 AWPS004X Issue B NGPS 1017 Issue 8 T/SP/P2 2000 ASTM E94/E94M-17 ASTM E2104-15 DEF STAN 02-729 Part 1:2013 ASME V:2019 ASME B16.34 2017 NGPS1057 Issue 11 ASTM E1742/1742M-18 BSS7041 Revision D AITM 6-7002 Issue 7 | A |
| LIGHT and DENSE METALS and ALLOYS including castings, forgings and weldments | Radiography X-Ray 50 keV to 350 keV | RRP58006 Issue E BS M34:1970 (1980) BS 2600:Part 1:1983 (Withdrawn) BS 2600:Part 2:1973 (Withdrawn) BS 2910:1986 (Withdrawn) BS 7257:1989 (Withdrawn) BS EN 1435:1997 (Withdrawn) BS EN ISO 17636-1:2013 RPS 704 Issue 7 (Withdrawn) R05-6113 Issue 8 AWPS004X Issue B ASTM E94/E94M-17 ASTM E2104-15 DEF STAN 02-729 Part 1:2013 ASME V:2019 | B |



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| LIGHT and DENSE METALS and ALLOYS including castings and weldments | <u>Non-Destructive Tests</u> (cont'd) | | |
| | Radiography X-Ray 50 keV - 350 keV | BS M34:1970(1984) BS 2600:Part 1:1983 (Withdrawn) BS 2600:Part 2:1973 (Withdrawn) BS 2910:1986 (Withdrawn) BS 7257:1990 (Withdrawn) BS EN 444:1994 (Withdrawn) BS EN ISO 5579:2013 BS EN 1435:1997 (Withdrawn) BS EN ISO 17636-1 & 2: 2013 RPS 704:Issue 7 (Withdrawn) R05-6113 Issue 7 ABP 6-5346 Issue 6 (Withdrawn) 981-060-022 Issue 17 AWPS004X Issue B NGPS 1017 Issue 8 T/SP/P2 2000 ASTM E94/E94M-17 DEF STAN 02-729 Part 1:2013 ASME V:2019 ASME B16.34 2017 BSS7041 Revision D AITM6-7002 Issue 7 BS EN ISO 17636-1:2013 | D |
| | Light and Dense Metals and Alloys including castings, forgings and weldments | Computed Radiographic (CR) inspections using X-ray up to 320kV and Betatron up to 7.5 MeV | ASTM E 2033:2017 RRP58009 Rev D AITM-7002 Issue 7 PS1106 Rev C BS EN 14784-1:2005 BSS7043 Rev C WP1077 Issue 1 981-060-022 Issue 17 |
| | Ultrasonic Flaw Detection Manual contact methods | BS 3923:Part 1:1986 (Withdrawn) BS 5996:1993 (Withdrawn) BS 6208:1990 (Withdrawn) BS EN 1714:1998 (Withdrawn) BS EN ISO 17640:2018 BS EN 10160:1999 BS EN 10228:Part 3:2016 BS EN 10228:Part 4:2016 ASME V:2019 DEF STAN 02-729:Part 5:2013 | A & D |



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| FERROMAGNETIC METALS | Magnetic Particle Method (Universal bench up to 5000 A) AC and DC using magnetic flow and current flow) | BS 5138:1974(2000) BS 6072:1981 BS EN 1290:1998 (Withdrawn) BS EN ISO 17638:2016 BS EN ISO 9934-1:2016 BS EN 10228:Part 1:2016 RPS 700:Issue 7 (Withdrawn) ABP 6-5229 Issue 3(AN2) 981-060-014 Issue 22 AWPS003X Issue C DEF STAN 02-729:Part 2:2013 ASTM E709-15 ASTM E1444/E1444M-16 ASME V:2019 ASME B16.34 2017 RRP58004 Issue G | A |
| | Magnetic Particle Method: Using yokes and permanent magnets | BS 5138:1974(2000) BS 6072:1981 BS EN 1290:1998 (Withdrawn) BS EN ISO 17638:2016 BS EN ISO 9934-1:2016 BS EN 10228:Part 1:2016 DEF STAN 02-729 Part 2:2013 ASME V:2019 | A & D |
| END | | | |