## Schedule of Accreditation

**issued by**

**United Kingdom Accreditation Service**

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

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**Element Materials Technology Aerospace UK Limited,**

Trading as Element Materials Technology Dudley –
Blackbrook Business Park

**Issue No:** 043  **Issue date:** 09 October 2018

<table>
<thead>
<tr>
<th>Unit 1</th>
<th>Contact: Mr J Pugh</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blackbrook Business Park</td>
<td>Tel: +44 (0)1384 236635</td>
</tr>
<tr>
<td>Narrow Boat Way</td>
<td>Fax: +44 (0)1384 457250</td>
</tr>
<tr>
<td>Dudley</td>
<td>E-Mail: <a href="mailto:jonathan.pugh@element.com">jonathan.pugh@element.com</a></td>
</tr>
<tr>
<td>West Midlands</td>
<td>Website: <a href="http://www.element.com">www.element.com</a></td>
</tr>
<tr>
<td>DY2 0XQ</td>
<td></td>
</tr>
</tbody>
</table>

**Testing performed at the above address only**

### DETAIL OF ACCREDITATION

Element Materials Technology Aerospace UK Limited, UKAS reference 0536, is accredited for a flexible scope that enables them to conduct accredited testing through the modification of existing test methods and include newly revised and technically equivalent methods to activities detailed below, in accordance with their documented in-house procedure E-E-AS-NDT-SOP032.

<table>
<thead>
<tr>
<th>Materials/Products tested</th>
<th>Type of test/Properties measured/Range of measurement</th>
<th>Standard specifications/Equipment/Techniques used</th>
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</table>
| LIGHT and DENSE METALS and ALLOYS including castings, forgings and weldments | Non Destructive Tests | BS M 39  
BS EN ISO 3452-1  
BS EN ISO 3452-2  
BS EN ISO 3452-3  
BS EN ISO 3452-4  
BS EN ISO 3452-5  
BS EN ISO 3452-6  
BS EN 10228-2  
RRP 58003  
ASTM E165/E165M  
ASTM E1209  
ASTM E1210  
ASTM E1219  
ASTM E1220  
ASTM E1417/E1417M  
Def. Stan. 02-729:Part 4  
Goodrich 981-060-021  
Goodrich WP122  
Sokorsky –SS8806  
BAe R05-6101  
ABP 6-5230  
QCP 205  
QCP 207  
Moog PS79  
RRP 58012 |
| Liquid Penetrant: Fluorescent-immersion line and manual application | |

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Assessment Manager: MS5

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| LIGHT and DENSE METALS and ALLOYS including castings, forgings and weldments (cont'd) | Non Destructive Tests (cont'd) | BS M 39  
BS EN ISO 3452-1  
BS EN ISO 3452-2  
BS EN ISO 3452-3  
BS EN ISO 3452-4  
BS EN ISO 3452-5  
BS EN ISO 3452-6  
BS EN 10228-2  
MIL-STD 6866  
ASTM E165/E165M  
ASTM E1209  
ASTM E1210  
ASTM E1219  
ASTM E1220  
ASTM E1417/E1417M  
ASME V  
AWPS 006X  
Def. Stan. 02-729:Part 4 |
|                          | Liquid Penetrant: (cont'd)                           |                                                  |
|                          | Colour contrast manual application                   |                                                  |
|                          | Ultrasonic Flaw Detection:                           |                                                  |
|                          | Manual contact method                                |                                                  |
|                          | Radiography:                                         |                                                  |
|                          | X-Ray (10 keV to 450 keV)                            | BS M 34  
BS EN ISO 5579  
BS EN 12681  
RRP 58006  
ASME V  
ASTM E94  
ASTM E1742/E1742M  
ASTM E1030  
Def. Stan. 02-729:Part 1  
Goodrich 981-060-022  
BAe R05-6113  
ABP 6-5346  
QCP 201 |

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| LIGHT and DENSE METALS and ALLOYS including castings, forgings and weldments (cont’d) | **Non Destructive Tests** (cont’d) | BS M 34  
BS EN ISO 5579  
BS EN ISO 17636-1  
BS EN 12681  
RRP 58006  
ASME V  
ASTM E94  
ASTM E 1742/E1742M  
ASTM E1030  
Def. Stan. 02-729:Part 1  
Goodrich 981-060-022  
BAe R05-6113  
ABP 6-5346  
QCP 201 |
| FERROMAGNETIC METALS | **Magnetic Particle:** Black ink-universal and portable kit  
Fluorescent ink-universal and portable kit  
(AC and DC up to 6000 A) | BS EN ISO17638  
BS EN ISO 9934-1  
BS EN 10228-1  
MIL-STD 6868E  
ASTM A275/A275M  
ASTM E709  
ASTM E1444/E1444M  
AWPS 003X  
RRP 58004  
Def. Stan. 02-729:Part 2  
ASME V  
Goodrich 981-060-014  
BAe R05-6103  
ABP 6-5229  
Moog PS 74 |
| WELDMENTS | Tests designated in specified welding codes:  
Liquid Penetrant, Magnetic Particle, Radiographic and Ultrasonic tests | AWPS 004X  
AWPS 005X  
BS EN ISO 9606-2  
BS EN ISO 15614-1  
BS EN ISO 15614-2  
BS 4872:Part 1  
BS 4872:Part 2  
ASME V |

END