

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

| | | |
|---|---|---|
|  <p>Accredited to ISO/IEC 17025:2005</p> | Smiths Metal Centres Ltd Trading as Smiths Advanced Metals | |
| | Issue No: 013 Issue date: 06 April 2010 | |
| | Unit 0 Stratton Business Park London Road Biggleswade SG18 8QB | Contact: Mr S Dawson Tel: +44 (0)1767 604675 Fax: +44 (0)1767 315340 E-Mail: steved@advancedmetals.com Website: advancedmetals.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 Unit 0 Stratton Business Park London Road Biggleswade SG18 8QB | Contact: Mr S Dawson Tel: +44 (0)1767 604675 Fax: +44 (0)1767 315340 E-Mail: steved@advancedmetals.com | Elemental analysis & Mechanical A |

Site activities performed away from the locations listed above:

| Location details | Activity | Location code |
|--|----------------------|---------------|
| Site activities performed at customer's premises | Alloy categorisation | B |



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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 |
|---|--|--|---------------|
| METAL, ALLOYS and METAL PRODUCTS | <u>Chemical Tests</u> | | |
| | Semi-quantitative elemental analysis and alloy categorisation | Documented In-House Method CA | A |
| Aluminium alloys | Si, Mn, Cr, Ni, Cu, Sn, Pb, Fe, Zn, Co, Mg, Ti, Al | | |
| Copper/Brass alloys | Si, Mn, Cr, Ni, Al, Sn, Pb, Fe, Zn, Co, Mg, Cu | | |
| Nickel alloys | Si, Mn, Al, Cr, Mo, Fe, Cu, Ti, Co, V, W, Nb, Ni | | |
| Plain Carbon, low alloy and stainless steels | C, Mn, Si, S, P, Cr, Ni, Mo, Cu, Nb, V, W, Ti, Al, Co | | |
| Titanium alloys | Si, Cr, MO, Al, Cu, Fe, V, Zr, Sn, Ti | | |
| Plain Carbon, low alloy stainless steels | Carbon and Sulphur | Documented In-House Method LECO | A |
| Forgings, Castings, Weldments, Plate and Tube Components and fittings | Categorisation of: Plain Carbon, low alloy and stainless steels Aluminium alloy Copper alloys Nickel alloys Titanium alloys | Documented In-House Method OSCA using Fibre Optic Spark Emission Spectrography | B |
| | <u>Mechanical Tests</u> | | |
| | Hardness: Rockwell (C scale) | BS EN ISO 6508-1:2005 | A |
| | Vickers (HV10, 30) | BS EN ISO 6507-1:2005 | A |



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|---------------------------|---|---|---------------|
| Weldments | Macro/micro-examination, hardness | BS EN 287:Part 1:2004 BS EN ISO 15614-1:2004 BS EN 1321:1997 BS EN 1043:Part 1:1996 BS EN ISO 6520-1:2007 | A |
| END | | | |