


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>0232</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Indentec Hardness Testing Machines Ltd</h3> <p>Issue No: 017 Issue date: 07 May 2009</p>	
	<p>Lye Valley Industrial Estate Bromley Street Lye Stourbridge West Midlands DY9 8HX</p>	<p>Contact: Mr. J. Piller Tel: +44 (0)1384-896949 Fax: +44 (0)1384-424470 E-Mail: mail@indentec.demon.co.uk Website: www.indentec.demon.co.uk</p>
<p>Calibration performed by the Organisations at the locations specified below</p>		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
<p>Address Lye Valley Industrial Estate Bromley Street Lye Stourbridge West Midlands DY9 8HX</p> <p>Local contact Mr J Piller</p>	<p>Hardness Indentors, ball Test blocks, Brinell Test blocks, Rockwell Test blocks, Vickers Testing machines, Rockwell, direct Testing machines, Rockwell, indirect Testing machines, Vickers, direct Testing machines, Vickers, indirect Testing machines, Brinell, direct Testing machines, Brinell, indirect</p>	P

Site activities performed away from the locations listed above:

Location details	Activity	Location code
<p>At customers Premises</p>	<p>Hardness Testing machines, Rockwell, direct Testing machines, Rockwell, indirect Testing machines, Vickers, direct Testing machines, Vickers, indirect Testing machines, Brinell, direct Testing machines, Brinell, indirect</p>	S



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DETAIL OF ACCREDITATION

Measured Quantity Instrument or Gauge	Range	Best Measurement Capability Expressed as an Expanded Uncertainty ($k=2$)	Remarks	Location Code
HARDNESS				
Calibration of Rockwell Standardized Hardness Blocks	Rockwell scales: A, B, C, D, E, F, G, H, K, N and T	1 Rockwell Unit See Note 1	1 The calibration/ verification shall be in accordance with the requirements of BS EN ISO 6508:Parts 1, 2 and 3:2005 and ASTM E18-08b. 2 The verification shall be in accordance with the requirements of BS EN ISO 6507:2005 and ASTM E92-03 3. The verification shall be in accordance with the requirements of BS EN ISO 6506:2005 and ASTM E10-08.	P
Calibration of Vickers Reference Hardness Blocks	Vickers scales: HV 50 to HV 1	1% HV See Note 2		P
Calibration of Brinell Reference Hardness Blocks	Brinell scales: From HBW 10/3000 to HBW 1/1	0.5% on indentation size mm See Note 3		P
Certification of Ball Indenters	Rockwell Brinell	See Note 1 See Note 3		P
CERTIFICATION OF HARDNESS MEASURING MACHINES IN SERVICE				
Direct verification of Rockwell Hardness Testing Machines	Rockwell scales: A, B, C, D, E, F, G, H, K, N and T	0.12% force 0.1 μ m length 0.1 second time See Note 1		P & S
Indirect verification of Rockwell Hardness Testing Machines	Rockwell scales: A, B, C, D, E, F, G, H, K, N and T	1 Rockwell unit See Note 1		P & S
Direct verification of Vickers hardness calibrating and testing machines	Vickers scales: HV 50 to HV 1	0.12% force 0.1 second time		P & S
Verification of indentation measuring equipment for Vickers hardness	1.0 mm to 0.51 mm 0.5 mm to 0.05 mm 1.0 mm to 0.05 mm	Direct 2 μ m Direct 1 μ m Indirect 0.5% (in mm) on diagonal (2 m minimum)		P & S
Indirect verification of Vickers hardness testing machines	Vickers scales: HV 5 to HV 100 HV 0.2 to HV 3	1% HV See Note 2		P & S



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CERTIFICATION OF HARDNESS MEASURING MACHINES IN SERVICE (cont'd)				
Direct verification of Brinell Hardness Testing Machines	Brinell scales: From HBW 10/3000 to HBW 1/1	0.24% force 0.1 second time		P & S
Indirect verification of Brinell Hardness Testing Machines	Brinell scales: From HBW 10/3000 to HBW 1/1	1.0% HBW		P & S
Verification of indentation measuring equipment for Brinell hardness	Direct	0.1% or 10 μ m whichever is the larger See Note 3		P & S
END				