

CERTIFICATE OF CALIBRATION

ISSUED BY **C. V. INSTRUMENTS LTD**

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CALIBRATION
No. 0471



32 Leeds Old Road
Bradford
West Yorkshire
BD3 8HU

Telephone : (01274) 660709
Facsimile : (01274) 660804



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APPROVED SIGNATORY

M.J. VINCENT
F. BROTHERTON

Name of Client : Importecnica S.A.
Address of Client : Av Dr Abrahao Ribeiro 740
CEP 01133-020 Sao Paulo
Brasil

**Hardness Test Block:
& Identity** C V Instruments Ltd
83.9 HR15N Hardness Test Block
Serial No: 01460

Date of Calibration: 18th August 1994

Calibration Procedure: The above Hardness Test Block has been examined in the calibration laboratory of C V Instruments Ltd and found to comply with the requirements of British Standard 4175:1989: Clause 17.

The above Hardness Test Block has been calibrated on a standardizing machine complying to the requirements of British Standard 4175:1989 and having hardness scales traceable to the UK National Hardness Scales defined by IMG. The calibration of the Hardness Test Block showed that it complied with 4175:1989: Clause 18 and gave the following values:

Measurement Results

Mean Hardness Value: 83.9 HR15N
Maximum Hardness Value: 84.1 HR15N
Minimum Hardness Value: 83.7 HR15N
Thickness of Block: 10.07 mm

Calibration Temperature: 21 degrees C

Uncertainty of Measurement: +/- 1.0 HR15N

The uncertainties are for a confidence probability of not less than 95%

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