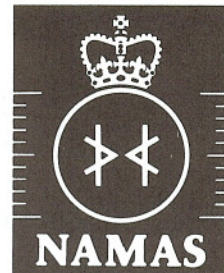


CERTIFICATE OF CALIBRATION

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

DATE OF ISSUE **26th August 1994** SERIAL NUMBER **00664**



CALIBRATION
No. 0471



32 Leeds Old Road
Bradford
West Yorkshire
BD3 8HU

Telephone : (0274) 660709
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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
Brazil

**Hardness Test Block:
& Identity** C V Instruments Ltd
78.0 HR30N Hardness
Serial No: 01507

Date of Calibration: 22nd 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 IMGC. 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: 78.0 HR30N
Maximum Hardness Value: 78.2 HR30N
Minimum Hardness Value: 77.7 HR30N
Thickness of Block: 10.05 mm

Calibration Temperature: 21 degrees C

Uncertainty of Measurement: +/- 0.5 HR30N

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

This certificate is issued in accordance with the conditions of accreditation granted by the National Measurement Accreditation Service, which has assessed the measurement capability of the laboratory and its traceability to recognised national standards and to the units of measurement realised at the corresponding national standards laboratory. Copyright of this certificate is owned jointly by the Crown and the issuing laboratory and may not be reproduced other than in full except with the prior written approval of the Head of NAMAS and the issuing laboratory.