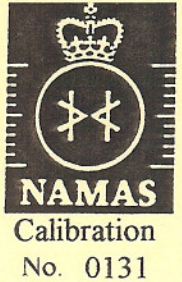


# CERTIFICATE OF CALIBRATION

ISSUED BY THE MECHANICAL MEASUREMENTS LABORATORY  
STAR INDUSTRIAL TOOLS LIMITED

DATE OF ISSUE 4<sup>TH</sup> JUNE 1998 SERIAL NUMBER 11404



STAR INDUSTRIAL TOOLS LTD.  
42 Westfield Road.  
Kings Heath.  
Birmingham. B14 7ST.

Telephone: 0121-444 4354  
Fax: 0121-441 1838

Page 1 of 1 Pages

Approved Signatory

J.W.Chandler

CUSTOMER :- C.V.INSTRUMENTS  
32 LEEDS OLD ROAD  
BRADFORD  
WEST YORKSHIRE  
BD3 8HU

Client name :- IMPORTECNICA SA

HARDNESS TEST BLOCK IDENTITY :- ST41074


DATE OF CALIBRATION :- 4<sup>TH</sup> JUNE 1998

METHOD OF CALIBRATION :- The above Standardized Test Block has been examined in the Star Industrial Tools Ltd calibration laboratory and found to comply with the requirements of BSEN 10109 – 3 :1996 clause 3 .

The above Standardized test block has been examined on a standardizing machine complying with the requirements of BSEN 10109-3 1996. Having hardness scales traceable to the U.K. National Hardness scales as defined by I.M.G.C. The calibration which was made in accordance with BSEN 10109 – 3 : 1996 clause 4 gave the following values.

MEAN HARDNESS VALUE :	69.29	HR45N
MAXIMUM HARDNESS VALUE :	69.35	HR45N
MINIMUM HARDNESS VALUE :	69.20	HR45N

UNCERTAINTY OF MEASUREMENT ± 1.0 UNIT

Approved Signatory :- 

Calibrations made at :- 23°C ± 2°C

**The Uncertainties Are For A Confidence Probability Of Not Less Than 95%**

This certificate is issued in accordance with the requirements of the United Kingdom Accreditation Service as specified in the NAMAS Accreditation Standard and NAMAS Regulations. It provides traceability of measurement to recognised national standards, and to the units of measurements realised at the National Physical Laboratory or other recognised national standards laboratories. This certificate may not be reproduced other than in full, except with the prior written agreement of the issuing laboratory.