



Australian Government
**National Measurement
Institute**

Bradfield Road, West Lindfield NSW 2070

Conversion Certificate of Approval

No 6B/249

Issued by the Chief Metrologist under Regulation 60
of the
National Measurement Regulations 1999

This is to certify that an approval for use for trade has been granted in respect of the

United Weighing Model UW-AC-W (Converted) Weighing Instrument

submitted by HBM Australia
 A division of Spectris Australia Pty Ltd
 Suite 2, 6-10 Talavera Road
 North Ryde NSW 2113.

NOTE: This Certificate relates to the suitability of the pattern of the instrument for use for trade only in respect of its metrological characteristics. This Certificate does not constitute or imply any guarantee of compliance by the manufacturer or any other person with any requirements regarding safety.

CONDITIONS OF APPROVAL

This approval becomes subject to review on 1 July 2015, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked with approval number 'NMI 6B/249' and only by persons authorised by the submittor.

It is the submittor's responsibility to ensure that all instruments marked with this approval number are constructed as described in the documentation lodged with the National Measurement Institute (NMI) and with the relevant Certificate of Approval and Technical Schedule. Failure to comply with this Condition may attract penalties under Section 19B of the National Measurement Act and may result in cancellation or withdrawal of the approval, in accordance with document NMI P 106.

The values of the performance criteria (maximum number of scale intervals etc.) applicable to the instrument shall be within the limits specified herein and in any approval documentation for the components where they are approved separately.

The National Measurement Institute reserves the right to examine any instrument or component of an instrument purporting to comply with this approval.

Special:

Instruments shall not be manufactured using this approval. Instruments shall only be converted or modified as described herein or with substitute load cells and/or indicator, and in other capacities, in accordance with General Certificate No 6B/0.

DESCRIPTIVE ADVICE

Pattern: approved 3 June 2010

- A converted United Weighing model UW-AC-W self-indicating weighing instrument of 60 000 kg maximum capacity with a verification scale interval of 20 kg. The pattern (as described in approval NSC 6/10B/53) has been converted by replacement of the indicator and is now fitted with six HBM model C16AC3/30t load cells of 30 000 kg capacity (as described in the documentation of approval NSC S370) and now uses a Rinstrum model R420 digital indicator (as described in the documentation of approval NMI S463).

Variants: approved 3 June 2010

1. With the basework of any approved mechanical or lever/load cell weighing instrument converted in accordance with General Certificate No 6B/0. (refer Special Condition of Approval)
2. With the indicator of any approved full load cell weighing instrument replaced by another approved digital indicator in accordance with General Certificate No 6B/0. (refer Special Condition of Approval)

TEST PROCEDURE

Instruments should be tested in conjunction with any tests specified in the approval documentation for the indicator used, and in accordance with any relevant tests specified in the Uniform Test Procedures.

Maximum Permissible Errors at Verification/Certification

The maximum permissible errors are specified in Schedule 12 Part 3 Division 6 Table 10 of the *National Measurement Regulations 1999*.

FILING ADVICE

The documentation for this approval comprises only this Certificate.

Signed by a person authorised by the Chief Metrologist to exercise his powers under Regulation 60 of the *National Measurement Regulations 1999*.

