

National Standards Commission



Conversion Certificate of Approval

No 6B/224

Issued under Regulation 9
of the
National Measurement (Patterns of Measuring Instruments) Regulations

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

Avery Model 4793 (Converted) Weighing Instrument

submitted by Alternative Weighing Services
PO Box 65
Toongabbie NSW 2146.

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 is subject to review on or after 1/10/97.

Instruments purporting to comply with this approval shall be marked NSC No 6B/224 and only by persons authorised by the submittor.

Auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificate No S1/0/A.

It is the submitter's responsibility to ensure that all instruments marked with this approval number are constructed as described in the documentation lodged with the Commission 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 the Commission's Document 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 Commission 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 8/9/92

- A converted Avery model 4793 weighing instrument of 1500 kg maximum capacity with a verification scale interval of 1 kg. The pattern has been converted to a lever/load cell weighing instrument and now uses a Toledo model 0725 load cell of 227 kg capacity (as described in the documentation of NSC approval No S172) and a Gedge Systems model GS1650 digital indicator (as described in the documentation of NSC approval No S193).

Variants: approved 8/9/92

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

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 Inspector's Handbook.

Maximum Permissible Errors at Verification/Certification

The maximum permissible errors for increasing and decreasing loads, expressed in terms of verification scale interval (e), with the instrument adjusted to zero within $\pm 0.25e$ at no load, are:

- $\pm 0.5e$ for loads from 0 to $500e$;
- $\pm 1.0e$ for loads over $500e$ up to $2000e$; and
- $\pm 1.5e$ for loads over $2000e$.

FILING ADVICE

The documentation for this approval comprises only this Certificate.

Signed and sealed by a person authorised under Regulation 9 of the National Measurement (Patterns of Measuring Instruments) Regulations to exercise the powers and functions of the Commission under this Regulation.



National Standards Commission



Notification of Change Conversion Certificate of Approval No 6B/224 Change No 1

The following change is made to the approval documentation for the

Avery Model 4793 (Converted) Weighing Instrument

submitted by Alternative Weighing Services
PO Box 65
Toongabbie NSW 2146.

In Conversion Certificate of Approval No 6B/224 dated 18 February 1993, the reference to the submitter should be amended to read:

Accuweigh AWS Pty Ltd
Unit 4/36 Holbeche Road
Arndell Park NSW 2148.

Signed and sealed by a person authorised under Regulation 9 of the National Measurement (Patterns of Measuring Instruments) Regulations to exercise the powers and functions of the Commission under this Regulation.

A handwritten signature in black ink, appearing to read 'J. Burch', is written over a horizontal line.