

National Standards Commission



Conversion Certificate of Approval

No 6B/225

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 3205 ABA (Converted) Weighing Instrument

submitted by Scale Components Pty Ltd
PO Box 761
ARCHERFIELD QLD 4108.

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 August 1998, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No 6B/225 and only by persons authorised by the submitter.

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 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 15 July 1993

- A converted Avery model 3205 ABA weighing instrument of 300 kg maximum capacity with a verification scale interval of 0.1 kg. The pattern has been converted to a lever/load cell weighing instrument and now uses a Teraoka Seiko model RW-60 load cell of 60 kg capacity (as described in the documentation of NSC approval No S167A) and a Gedge Systems model GS1650 Mk3 digital indicator (as described in the documentation of NSC approval No S193A).

Variants: approved 15 July 1993

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 indicator of any Commission-approved full load cell weighing instrument replaced by another Commission-approved digital indicator.

Variants: approved 7 July 1997

3. A converted Toledo model 4320 weighing instrument of 30 000 kg maximum capacity with a verification scale interval of 10 kg. The pattern has been converted to a lever/load cell weighing instrument and now uses a Transducers model B5352-200-10M1 load cell of 200 kg capacity (as described in the documentation of NSC approval No S195).

NOTE: Supplementary Certificate of Approval No S195 had expired in respect of new instruments at the time of this approval. The load cell used was however not a new load cell.

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

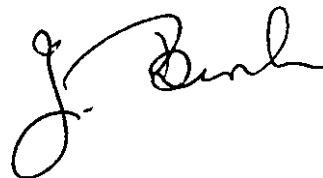
The maximum permissible errors for increasing and decreasing loads on initial verification/certification for loads, m , expressed in verification scale intervals, e , are:

- $\pm 0.5e$ for loads $0 \leq m \leq 500$;
- $\pm 1.0e$ for loads $500 < m \leq 2\,000$; and
- $\pm 1.5e$ for loads $2\,000 < m \leq 10\,000$.

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.

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