



Australian Government

**National Measurement
Institute**

12 Lyonpark Road, North Ryde NSW 2113

**Cancellation
Certificate of
Approval No 6/3/4B**

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

This is to certify that the approval for use for trade granted in respect of the
GEC-Avery Model 2108 Weighing Instrument

submitted by Avery Weigh-Tronix
(formerly Avery Berkel International)
now of Foundry Lane, Smethwick
West Midlands B66 2LP UK

has been cancelled in respect of new instruments as from 1 June 2005.

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

A handwritten signature in black ink, appearing to be 'J. G. T.', written in a cursive style.

National Standards Commission



Certificate of Approval

No 6/3/4B

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

GEC-Avery Model 2108 Weighing Instrument

submitted by GEC-Avery Australia Ltd
3-5 Birmingham Avenue
Villawood NSW 2163.

- This Certificate is issued upon completion of a review of NSC approval No 6/3/4A.

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. Birch'.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/10/96.

This approval expires in respect of new instruments on 1/10/97.

Instruments purporting to comply with this approval shall be marked NSC No 6/3/4B 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 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 Commission reserves the right to examine any instrument or component of an instrument purporting to comply with this approval.

DESCRIPTIVE ADVICE

Pattern: approved 23/9/91

- A GEC-Avery model 2108 non-self-indicating weighing instrument of 15 kg maximum capacity.

Variant: approved 23/9/91

1. With certain other maximum capacities, viz. 10 kg and 25 kg.

Technical Schedule No 6/3/4B describes the pattern and variant 1.

FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 6/3/4B dated 16/1/92
Technical Schedule No 6/3/4B dated 16/1/92 (incl. Test Procedure)
Figure 1 dated 16/1/92



National Standards Commission

TECHNICAL SCHEDULE No 6/3/4B

Pattern: GEC-Avery Model 2108 Weighing Instrument

Submittor: GEC-Avery Australia Ltd
3-5 Birmingham Avenue
Villawood NSW 2163.

1. Description of Pattern

A GEC-Avery model 2108 non-self-indicating weighing instrument of 15 kg maximum capacity with a verification scale interval of 0.010 kg (Figure 1).

The mass receptor and the load receptor are located above the equal-arm beam and are maintained horizontal by a Roberval lever mechanism.

1.1 Zero Setting

The instrument is provided with a balance indicator. A balancing chamber is located beneath the load receptor.

1.2 Markings

Instruments are marked with the following data, together in one location:

Manufacturer's name or mark	
Serial number	
NSC approval number	NSC No 6/3/4B
Accuracy class	III
Maximum capacity	Max kg
Minimum capacity	Min kg
Verification scale interval	e = kg

1.3 Verification/Certification Provision

Provision is made for a verification/certification mark to be applied.

2. Description of Variant 1

In certain other capacities and configurations viz. of 10 kg maximum capacity with a verification scale interval of 0.005 kg, and of 25 kg maximum capacity with a verification scale interval of 0.010 kg.

TEST PROCEDURE

Instruments should be tested in conjunction 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.



National Standards Commission

Notification of Change

Certificate of Approval No 6/3/4B

Change No 1

The following changes are made to the approval documentation for the

GEC-Avery Model 2108 Weighing Instrument

submitted by GEC-Avery Australia Limited
now of
12-38 Rachel Close
Silverwater NSW 2113.

In Certificate of Approval No 6/3/4B dated 16 January 1992;

1. The Condition of Approval referring to the review of the approval should now be amended to read:

“This approval becomes subject to review on 1 October 1996, and then every 5 years thereafter.”

2. The Condition of Approval referring to the expiry of the approval should be deleted.

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 faint circular stamp.



National Standards Commission

Notification of Change

Certificate of Approval No 6/3/4B

Change No 2

The following change is made to the approval documentation for the

GEC-Avery Model 2108 Weighing Instrument

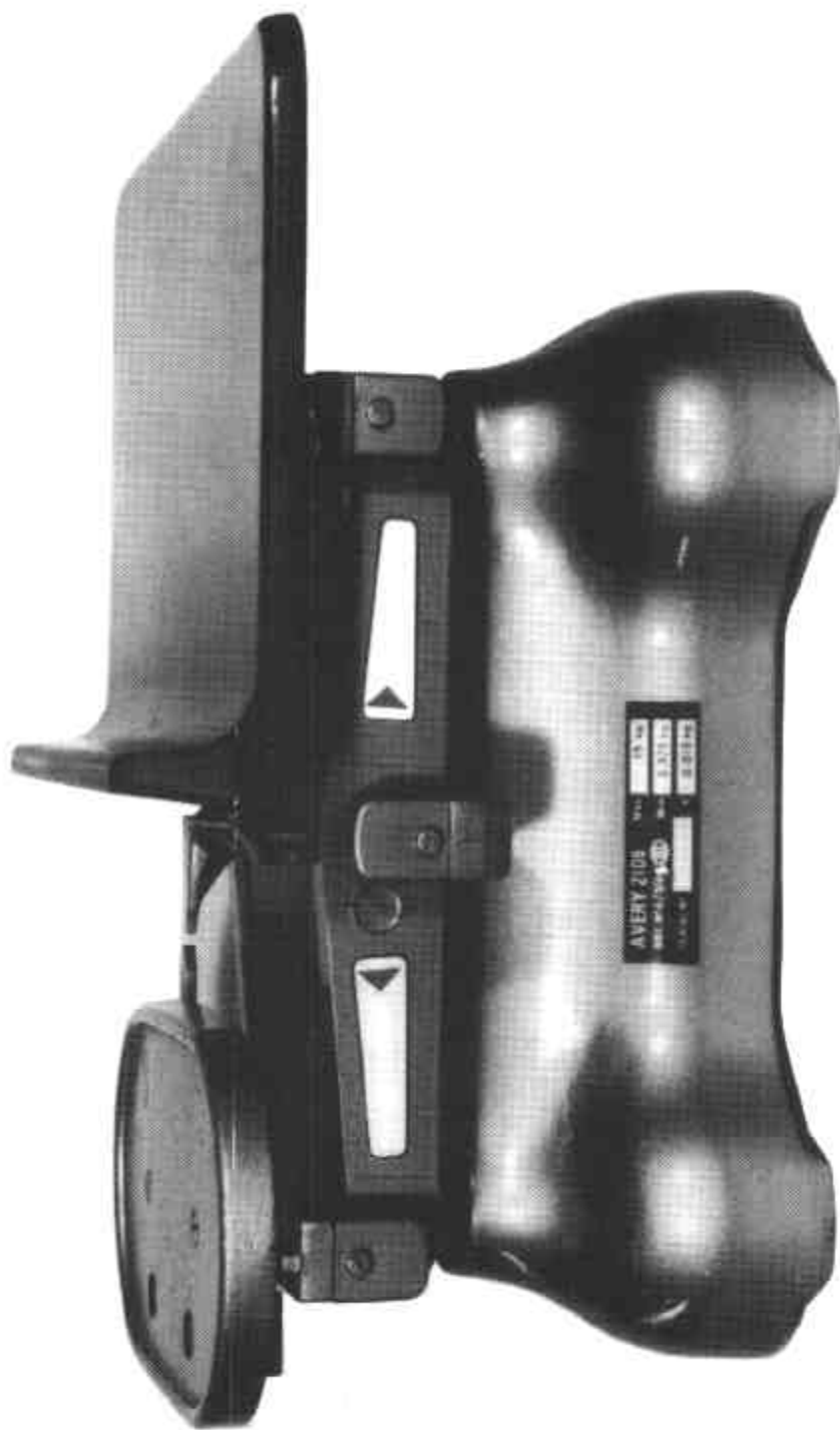
submitted by Avery Berkel International
(formerly GEC-Avery Australia Limited)
now of
12-38 Talavera Road
North Ryde NSW 2113.

In Certificate of Approval No 6/3/4B dated 16 January 1992, the Condition of Approval referring to the review of the approval (previously amended by Notification of Change No 1 dated 24 October 1997), should now be amended to read:

“This approval becomes subject to review on 1 August 2003, and then every 5 years thereafter.”

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.

FIGURE 6/3/4B - 1



GEC-Avery Model 2108