6/9C/96A
9 June 1999

National Standards Commission

Cancellation

Certificate of Approval No 6/9C/96A

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

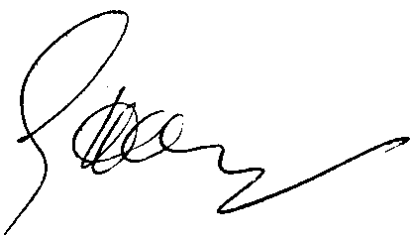
GEC Avery Model 3750 Weighing Instrument

submitted by Avery Berkel International
12-38 Talavera Road
North Ryde NSW 2113

has been cancelled in respect of new instruments as from 31 May 1999.

Instruments which were verified/certified before that date may, with the concurrence of the relevant verifying authority, be submitted for reverification.

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

Certificate of Approval

No 6/9C/96A

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 3750 Weighing Instrument

submitted by GEC Avery Australia Ltd
12 Rachael Close
Silverwater NSW 2141.

This Certificate is issued upon completion of a review of NSC approval No 6/9C/96.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/11/97.
This approval expires in respect of new instruments on 1/11/98.

Instruments purporting to comply with this approval shall be marked NSC No 6/9C/96A 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.

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

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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.

The pattern as approved herein or with substitute load cells and/or indicator, and in other capacities, shall comply with General Certificate No 6B/0.

DESCRIPTIVE ADVICE

Pattern: approved 19/10/92

- A GEC Avery model 3750 self-indicating weighing instrument of 300 kg maximum capacity. May also be known as a model H400.

Variants: approved 19/10/92

1. A model 3750 (or H400) of up to 1500 kg maximum capacity.

2. A model 4750 (or H500) or a model J300 of up to 15 000 kg maximum capacity.

3. With a hopper or tank-type load receptor of up to 15 000 kg maximum capacity.

4. With model 8708 load cells.

Technical Schedule No 6/9C/96A describes the pattern and variants 1 to 4.

FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 6/9C/96A dated 30/11/92
Technical Schedule No 6/9C/96A dated 30/11/92 (incl. Test Procedure)
Figures 1 and 2 dated 30/11/92

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.

J. Birch

National Standards Commission

TECHNICAL SCHEDULE No 6/9C/96A

Pattern: GEC Avery Model 3750 Weighing Instrument.

Submittor: GEC Avery Australia Ltd
12 Rachael Close
Silverwater NSW 2141.

1. Description of Pattern

A GEC Avery model 3750 self-indicating weighing instrument of 300 kg maximum capacity with a verification scale interval of 0.1 kg. May also be known as a model H400.

1.1 Indicator

An Avery model L105 digital indicator is used as described in the documentation of NSC approval No S247.

1.2 Basework

The model 3750 basework (Figures 1 and 2) has 4 GEC Avery model 8713 load cells of 250 kg capacity (as described in the documentation of NSC approval No S203A) mounted directly between the main frame and the weighing platform frame.

1.3 Levelling

The instrument is provided with adjustable feet and a level indicator.

1.4 Verification/Certification Provision

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

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1.5 Markings

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

Manufacturer's name or mark		
Serial number		
NSC approval numbers -	instrument	NSC No 6/9C/96A
-	indicator	NSC No S .....
-	load cells	NSC No S .....
Accuracy class		(III)
Maximum capacity		Max ..... kg *
Minimum capacity		Min ..... kg *
Verification scale interval		e = ... kg *
Maximum subtractive tare		T = - ..... kg #

* These are repeated adjacent to each reading face.
\# Only required where 'T' is different to 'Max'.

2. Description of Variants

2.1 Variant 1

A model 3750 (or H400) of up to 1500 kg maximum capacity and approved for use with up to 3000 verification scale intervals.

2.2 Variant 2

A model 4750 (or H500) or a model J300 of up to 15 000 kg maximum capacity and approved for use with up to 3000 verification scale intervals.

2.3 Variant 3

With a hopper or tank-type load receptor of up to 15 000 kg maximum capacity using 3 or more load cells and approved for use with up to 3000 verification scale intervals.

2.4 Variant 4

With model 8708 load cells (as described in the documentation of NSC approval No S176A) replacing the load cells of the pattern or variants, in which case an alternative load cell mounting is used.

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 ±0.25e at no load, are:

±0.5e for loads from 0 to 500e;
±1.0e for loads over 500e up to 2000e; and
±1.5e for loads over 2000e.

National Standards Commission

Notification of Change

Certificate of Approval No 6/9C/96A

Change No 1

The following changes are made to the approval documentation for the

GEC Avery Model 3750 Weighing Instrument

submitted by GEC Avery Australia Ltd
12 Rachael Close
Silverwater NSW 2141.

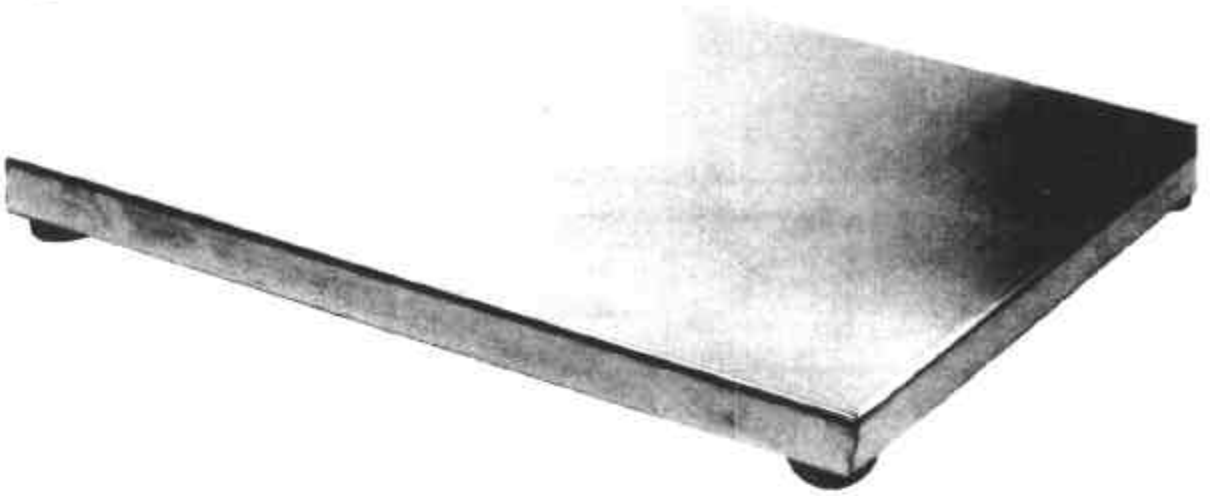
(a) In Certificate of Approval No 6/9C/96A and its Technical Schedule, both dated 30 November 1992, all references to the submittor should be amended to read;

Avery Berkel International
12-38 Talavera Road
North Ryde NSW 2113.

(b) In Certificate of Approval No 6/9C/96A dated 30 November 1992, the Condition of Approval referring to the expiry of the approval should now be deleted.

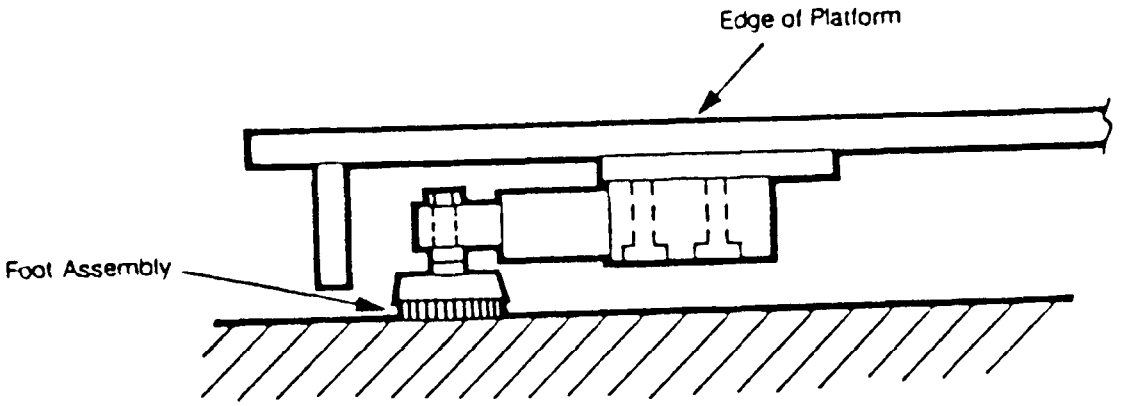
Signed and sealed by a person authorised under Regulation 9 of the National Measurement (Patterns of Measuring Instruments) Regulations to exercise the powers and functions of the Commission under this Regulation.

FIGURE 6/9C/96A - 1



GEC Avery Model 3750 Weighing Instrument Platform

FIGURE 6/9C/96A - 2



Showing Load Cell Mounting