6/4D/289
23 November 2004

Australian Government

National Measurement Institute

12 Lyonpark Road, North Ryde NSW 2113

Cancellation

Certificate of

Approval No 6/4D/289

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 Certificate of Approval No 6/4D/289 issued 22 October 1998 in respect of the

Avery Berkel Model DX 342 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 January 2005.

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

National Standards Commission

Certificate of Approval

No 6/4D/289

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 Berkel Model DX 342 Weighing Instrument

submitted by Avery Berkel International
12-38 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.

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CONDITIONS OF APPROVAL

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

Instruments purporting to comply with this approval shall be marked NSC No 6/4D/289 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 12 August 1998

- An Avery Berkel model DX 342 multi-interval price-computing weighing instrument of 15 kg maximum capacity.

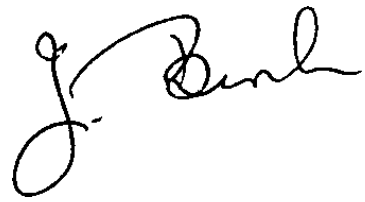
TechnicalSchedule No 6/4D/289 describes the pattern.

FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 6/4D/289 dated 22 October 1998
Technical Schedule No 6/4D/289 dated 22 October 1998 (incl.Test Procedure)
Figures 1 to 3 dated 22 October 1998

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.



TECHNICAL SCHEDULE No 6/4D/289

Pattern: Avery Berkel Model DX 342 Weighing Instrument.

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

1. Description of Pattern

An Avery Berkel model DX 342 multi-interval price-computing weighing instrument (Figures 1 and 2) with a verification scale interval (e_1) of 0.002 kg up to 6 kg, and a verification scale interval (e_2) of 0.005 kg from 6 kg up to the maximum capacity of 15 kg.

Instruments have unit price to $9999.99/kg and price to $9999.99.

Instruments are either battery-operated or powered by a 240 V supply.

1.1 Zero

Zero is automatically corrected to within $\pm 0.25e_1$ whenever power is applied and whenever the instrument comes to rest within $0.5e_1$ of zero.

The initial zero-setting device has a nominal range of not more than 20% of the maximum capacity of the instrument.

The instrument has a semi-automatic zero-setting device with a nominal range of not more than 4% of the maximum capacity of the instrument.

1.2 Tare

A semi-automatic taring device of up to 2 kg maximum capacity may be fitted.

1.3 Display Check

A display check is initiated whenever power is applied.

1.4 Sealing Provision

Provision is made for the calibration adjustments to be sealed by means of a lead seal and cup as shown in Figure 3, and by means of a destructible label on the calibration access cover located adjacent to the battery holder.

1.5 Verification/Certification Provision

Provision is made for the application of a verification/certification mark.

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1.6 Levelling

Instruments are provided with adjustable feet and a level indicator.

1.7 Markings

Instruments carry the following markings, in the form shown at right:

Manufacturer's mark, or name written in full	Avery Berkel
Indication of accuracy class	(III)
Maximum capacity	*Max* ...../..... kg *
Minimum capacity	*Min* ..... kg *
Verification scale interval	*e =* ...../..... kg *
Maximum subtractive tare	*T =* - ..... kg
Serial number of the instrument	.....
Pattern approval mark for the instrument	NSC No 6/4D/289

* These markings shall also be shown near the display of the result if they are not already located there.

TEST PROCEDURE

Instruments should be tested 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:

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

For multi-interval instruments with verification scale intervals of e_1, e_2, ..., apply e_1 for zero adjustment, and for maximum permissible errors apply e_1, e_2, ..., as applicable for the load.

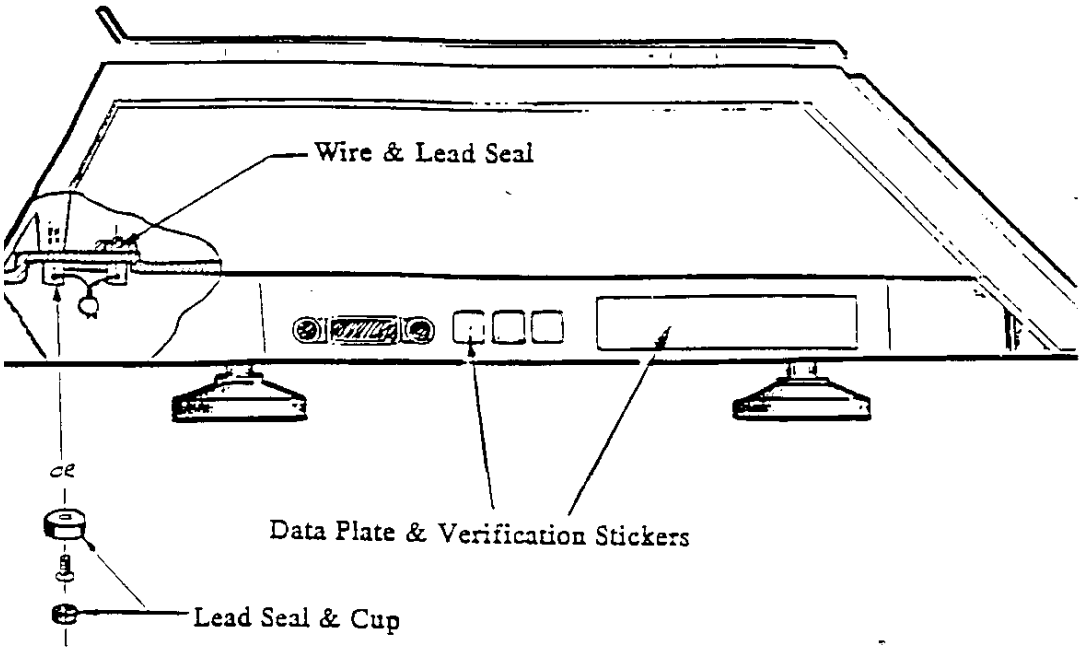
FIGURE 6/4D/289 - 1

Avery Berkel Model DX 342 Weighing Instrument

FIGURE 6/4D/289 - 2

Showing Customers' View of Model DX 342

FIGURE 6/4D/289 - 3



Showing Sealing Method