



Australian Government
**National Measurement
Institute**

Bradfield Road, West Lindfield NSW 2070

Cancellation
Supplementary Certificate of Approval No S335

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

Salter Weigh-Tronix Model WI-125 Digital Indicator

submitted by Avery Weigh-Tronix
(formerly Salter Australia Pty Ltd)
now of 51 Bramston Street
Tarragindi QLD 4121

has been cancelled in respect of new instruments as from 1 April 2009.

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



Supplementary Certificate of Approval

No S335

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

Salter Weigh-tronix Model WI-125 Digital Indicator

submitted by **Salter Weigh-tronix Pty Ltd**
20 Terracotta Drive
Blackburn VIC 3130.

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 November **2001**, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No S335 and only by persons authorised by the submittor.

Instruments incorporating a component purporting to comply with this approval shall be marked NSC No S335 in addition to the approval number of the instrument.

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 an instrument incorporating the pattern approved herein shall be within the limits specified herein and in any approval documentation for the other components.

The Commission reserves the right to examine any instrument or component of an instrument purporting to comply with this approval.

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

DESCRIPTIVE ADVICE

Pattern: approved 1 October 1996

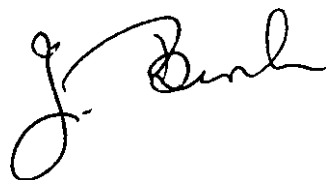
- A Salter Weigh-tronix model WI-125 digital indicator.
Technical Schedule No S335 describes the pattern.

FILING ADVICE

The documentation for this approval comprises:

Supplementary Certificate of Approval No S335 dated 22 September 1997
Technical Schedule No S335 dated 22 September 1997 (incl. Table 1 &
Test Procedure)
Figures 1 and 2 dated 22 September 1997

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 S335

Pattern: Salter Weigh-tronix Model WI-125 Digital Indicator.



Submittor: Salter Weigh-tronix Pty Ltd
20 Terracotta Drive
Blackburn VIC 3130.

1. Description of Pattern

A Salter Weigh-tronix model WI-125 digital indicator (Figure 1 and Table 1) which may be fitted with output sockets for the connection of auxiliary and/or peripheral devices and approved for use with up to 5000 verification scale intervals.



1.1 Zero

Zero is automatically corrected to within $\pm 0.25e$ whenever power is applied and whenever the instrument comes to rest within $0.5e$ 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 and/or a non-automatic subtractive taring device, each of up to maximum capacity, may be fitted.

1.3 Display Check

A display check is initiated whenever power is applied.

1.4 Linearisation Facility

Instruments are fitted with a single-point programmable linearisation correction facility.

1.5 Verification/Certification Provision

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

1.6 Sealing Provision

The calibration adjustments are sealed by means of the sealing screws provided on the front and rear of the indicator.

1.7 Markings

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

Manufacturer's mark, or name written in full	
Indication of accuracy class	Ⓜ
Maximum capacity	Max kg *
Minimum capacity	Min kg *
Verification scale interval	e = kg *
Serial number of the instrument	
Pattern approval mark for the indicator	NSC No S335

* These markings are also shown near each reading face if they are not already located there.

In addition, instruments not greater than 100 kg capacity carry a notice stating NOT TO BE USED FOR TRADING DIRECT WITH THE PUBLIC, or similar wording.

TABLE 1 — Specifications

Maximum number of verification scale intervals	5000
Minimum sensitivity	1.0 μ V/scale interval
Excitation voltage	8 V DC
Minimum load impedance	43.75 Ω
Maximum excitation current	183 mA

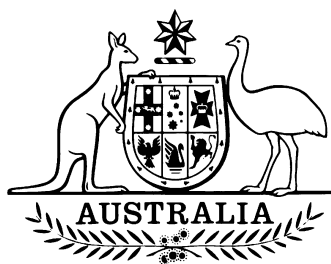
TEST PROCEDURE

Instruments should be tested in conjunction with any tests specified in the approval documentation for the instrument to which the pattern is connected, as appropriate, 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:

- $\pm 0.5 e$ 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 $2\,000 < m \leq 10\,000$.



National Standards Commission

12 Lyonpark Road, North Ryde NSW

Notification of Change

Supplementary Certificate of Approval No S335

Change No 1

The following change is made to the approval documentation for the

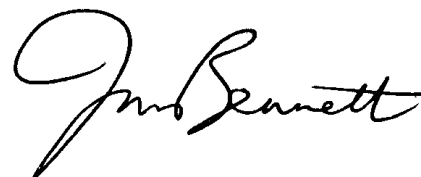
Salter Weigh-Tronix Model WI-125 Digital Indicator

submitted by Salter Weigh-Tronix Pty Ltd
20 Terracotta Drive
Blackburn VIC 3130.

In Technical Schedule No S335 dated 22 September 1997, clause 1. **Description of Pattern** should be amended by adding the following:

“Instruments may also be known as Avery Berkel model L126.”

Signed by a person authorised under Regulation 60 of the National Measurement Regulations 1999 to exercise the powers and functions of the Commission under this Regulation.





National Standards Commission

12 Lyonpark Road, North Ryde NSW

Notification of Change

Supplementary Certificate of Approval No S335

Change No 2

The following change is made to the approval documentation for the

Salter Weigh-Tronix Model WI-125 Digital Indicator

now submitted by Salter Australia Pty Ltd
20 Terracotta Drive
Blackburn VIC 3130.

1. In Supplementary Certificate of Approval No S335 dated 22 September 1997;
The Condition of Approval referring to the review of the approval should be amended to read:

“This approval becomes subject to review on 1 November 2006, and then every 5 years thereafter.”

Signed by a person authorised under Regulation 60 of the National Measurement Regulations 1999 to exercise the powers and functions of the Commission under this Regulation.

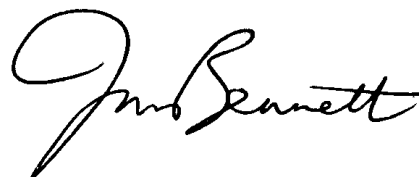


FIGURE S335 - 1



Salter Weigh-tronix Model WI-125 Digital Indicator

FIGURE S335 - 2



Model WI-125 in Alternative Housing