



Australian Government

**Department of Industry,
Science and Resources**

**National
Measurement
Institute**

36 Bradfield Road, West Lindfield NSW 2070

Certificate of Approval

NMI 6/4C/333

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

This is to certify that an approval for use for trade has been granted in respect of the instruments herein described.

@Weigh Model SSTA-15 Weighing Instrument

submitted by The Trustee for THE SPILKIN FAMILY TRUST
 T/A @Weigh Pty Ltd
 Unit 31, 102 Keys Road
 Moorabbin VIC 3189

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.

This approval has been granted with reference to document NMI R 76, *Non-automatic weighing instruments, Parts 1 and 2*, dated October 2015.

This approval is subject to review at the decision of the Chief Metrologist in accordance with the conditions specified in the document NMI P 106.

DOCUMENT HISTORY

Rev	Reason/Details	Date
0	Pattern approved – certificate issued	24/07/24

CONDITIONS OF APPROVAL

General

Instruments purporting to comply with this approval shall be marked with approval number 'NMI 6/4C/333' 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 National Measurement Institute (NMI) 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 document NMI P 106.

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

A handwritten signature in blue ink, appearing to be 'Darryl Hines', written in a cursive style.

Darryl Hines
Manager
Policy and Regulatory Services

TECHNICAL SCHEDULE No 6/4C/333

1. Description of Pattern **approved on 24/07/24**

An @Weigh model SSTA-15 class III non-automatic self-indicating multi-interval weighing instrument (Figures 1a and 1b) 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, and with a minimum capacity of 0.04 kg.

Instruments are fitted with a 7 segment LED display for the operator and a 7 segment LED customer display (Figure 1b) for display of the weight value.

Power for the @weigh SSTA-15 instrument may be supplied by either:

- an AC/DC adaptor fitted next to the battery compartment underneath the instrument; or/and
- a 6V DC internal rechargeable battery.

Note: The AC/DC adaptor supplied for the instrument was model CY1000600E6 power supply (output 10 V DC, 0.6A) – the submitter should be consulted regarding the acceptability of alternative power supply units.

1.1 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.

A zero-tracking device may be fitted.

1.2 Tare

A semi-automatic subtractive tare device of up to maximum capacity may be fitted.

1.3 Display Check

A display check is initiated whenever power is applied.

1.4 Levelling

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

The instrument is to be used in a level condition as indicated by the level indicator.

1.5 Additional Features

Instruments may be fitted with additional functions (e.g. check weighing (Lo/Ok/Hi) and beep sound). The additional functions (other than the indications of measured mass, i.e. gross, tare, net, totals, displayed either on the indicator or on an auxiliary or peripheral device) are not approved for trade use.

1.6 Verification Provision

Provision is made for the application of a verification mark.


1.7 Software

The legally relevant software is designated C.0.

The legally relevant software version and number can be seen in the switch-on display sequence (when the power is first applied to the instrument).

1.8 Descriptive Markings and Notices

Instruments carry the following markings:



Manufacturer's mark, or name written in full	@Weigh Pty Ltd
Indication of accuracy class	
Pattern approval mark for the instrument	NMI 6/4C/333
Maximum capacity	Max /..... g or kg #1
Minimum capacity	Min g or kg #1
Verification scale interval	e = /..... g or kg #1
Serial number of the instrument

#1 These markings are shown near the display of the result.

1.9 Sealing Provision

Provision is made for the calibration to be sealed by setting the calibration switch within the instrument to an OFF position, and then preventing access within the instrument housing.

It is possible to determine that the switch status is in the 'OFF' position as follows:

- Hold down the  key, and press the  key to turn on the instrument.
- If the calibration switch is in the 'OFF' position, the instrument will start the switch-on display sequence. In this case the instrument may be verified.
- Otherwise the instrument will display 'CAL' in which case the instrument should not be verified until the calibration switch correctly located in the 'OFF' position.

Provision is made for the instrument housing to be sealed by means of destructible adhesive labels placed over the opposite sides of a join in the instrument housing Figure 2, and for access to the calibration switch to be sealed by means of lead and wire type seals with drilled screws as shown in Figure 2.

TEST PROCEDURE No 6/4C/333

Instruments shall be tested in accordance with any relevant tests specified in the National Instrument Test Procedures.

The instrument shall not be adjusted to anything other than as close as practical to zero error, even when these values are within the maximum permissible errors.

Maximum Permissible Errors

The maximum permissible errors are specified in Schedule 1 of the *National Trade Measurement Regulations 2009*.

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

FIGURE 6/4C/333 – 1

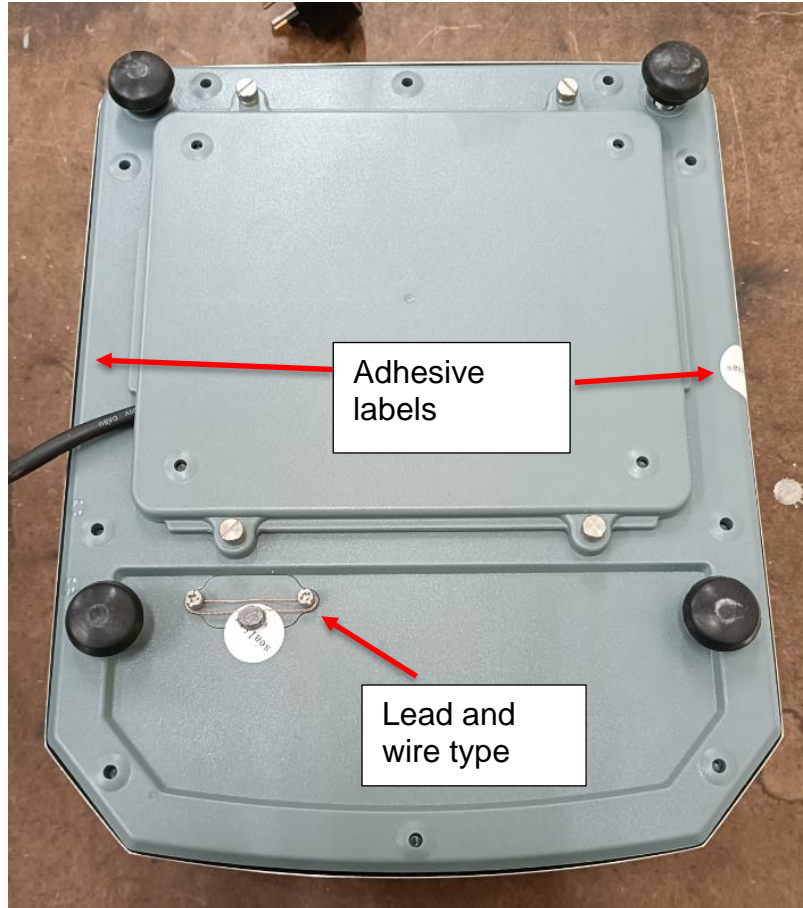


(a) @Weigh model SSTA-15 Weighing Instrument (Operator Side)



(b) @Weigh model SSTA-15 Weighing Instrument (Customer Side)

FIGURE 6/4C/333 – 2



Typical Sealing Method

~ End of Document ~