



Australian Government

**Department of Industry,
Science and Resources**

**National
Measurement
Institute**

36 Bradfield Road, West Lindfield NSW 2070

**Interim
Provisional
Certificate of Approval
NMI P6/4D/402**

VALID FOR VERIFICATION PURPOSES UNTIL 31 May 2025

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.

Sbot Technologies CAPER CART 3 Model CAPER-V012.0 Weighing Instrument

submitted by Sbot Australia Pty Ltd
 Level 19, CBW
 181 William Street
 Melbourne VIC 3000

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 provisionally approved – interim certificate issued	8/11/24

CONDITIONS OF APPROVAL

General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI P6/4D/402' and only by persons authorised by the submitter.

It is the submitter'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.

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

Special Conditions of Approval: (Provisional Approval)

This approval is limited to 30 (thirty) instruments only, located at:

Coles Richmond Traders Store
Corner Bridge Road & Church St
Richmond VIC 3121

Instruments purporting to comply with this approval shall be marked with approval number 'NMI P6/4D/402' and only by persons authorised by the submitter. (Note: The 'P' in the approval number may be a temporary marking.)

The approval will remain provisional pending completion of satisfactory testing and evaluation (results of verification testing shall be copied to the Pattern Approval Section at NMI).


In the event of unsatisfactory performance the approval may be cancelled (or varied).

The submitter shall implement such modifications as required by NMI. In the event that such modifications (if any are required by NMI) are not made to the satisfaction of NMI, this approval may be withdrawn.

Special Conditions:

Certain aspects of this instrument (in particular transaction record printing formats) are able to be configured by the user. Whilst NMI believes that acceptable formats can be achieved for typical basic sales modes, it is also possible for the instrument to be configured to produce unacceptable formats, and use of some formats may be inappropriate for different sales modes. It is the responsibility of the user to ensure that acceptable and appropriate formats are used in any particular situation.

1. Description of Pattern provisionally approved on 8/11/24

A Sbot Technologies CAPER CART 3 Model CAPER-V012.0 class  self-indicating single interval non-automatic weighing instrument (Figure 1) of 40 kg maximum capacity with a verification scale interval of 0.005 kg and with a minimum capacity of 0.1 kg.

Instruments are fitted with a colour touchscreen display/keyboard mounted on the shopping trolley (Figure 1). The operator touchscreen provides tare, weight, unit price and price information, zero, and 'net' indicators.

Instruments have a product look up (PLU) facility and provide various methods of product look up (PLU). The image and/or product description relating to PLU items may also be displayed.

Instruments may be fitted with wireless networking capabilities for interface with store computer system for the downloading of PLU data, and the uploading of measurement data for storage, processing and transaction receipt (#);

(#) Refer to the Special Conditions of Approval in the certificate.

Note:

Instruments are used in a self-service arrangement. The following conditions apply.

- The trader making the weighing instrument available for direct use by the public is responsible for ensuring the instrument is used correctly to achieve correct transaction measurements. Sufficiently clear instructions shall be given to the public (the operators) to enable them to correctly obtain a weight value.
- The trader ensures the automatic tilt sensor fitted on the weighing instrument functions properly.

1.1 Zero

A zero-tracking device may be fitted.

The initial zero-setting device of the pattern has a nominal range of approximately 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 subtractive taring device of up to the maximum capacity of the instrument may be fitted.

1.3 Power Supply

The instrument operates from an 18 V DC rechargeable battery.

1.4 Interfaces

The indicator may be fitted with interfaces for the connection of auxiliary and/or peripheral devices. Any interfaces shall comply with clause 5.3.6 of document NMI R 76 (the basic intent of which is that it shall not be possible to alter weighing results via the interfaces).

Any measurement data output from the instrument or its interfaces shall only be used for trade in compliance with NMI General Supplementary Certificate of Approval No S1/0B (in particular in regard to the data and its format).

Indications 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 for trade use.

Instruments may be fitted with WiFi interface.

1.5 Levelling

The instrument is provided with an automatic tilt sensor with out of level conditions of less than $\pm 1.2^\circ$ in longitudinal or transverse directions. If the instrument reaches or exceeds this tilt value then a warning message is displayed stating 'Cart slope unstable. Return to home screen' and the purchase CONFIRM button is inhibited.

1.6 Verification Provision

Provision is made for the application of a verification mark.

1.7 Sealing Provision

The instrument is sealed by recording the non-resettable event counters on verification.

Access to allow changing of set-up parameters including calibration parameters must be protected by a passcode/password.

The instrument automatically increments a configuration or calibration value (audit trail number) each time the indicator is re-configured or calibrated.

The value of event counters (audit log) may be recorded on a destructible adhesive label attached to the instrument (as Calibration followed by a number and Weight Configuration followed by a number).


Any subsequent alteration to the calibration or configuration will be evident as the recorded values and the current counter values will differ.

The steps for accessing the audit log are as follows:

- Touch the ? HELP icon.
- Touch the ::Options icon.
- Touch the Weights and Measures Info. The audit log is displayed.

1.8 Descriptive Markings and Notices

Instruments carry the following markings:

Manufacturer's mark, or name written in full	Sbot Technologies LLC
Name or mark of manufacturer's agent	Sbot Australia Pty Ltd
Indication of accuracy class	
Pattern approval mark for the instrument	NMI P6/4D/402
Maximum capacity	Max/..... g or kg #
Minimum capacity	Min g or kg #
Verification scale interval	e =/..... g or kg #
Serial number of the instrument

These markings are shown near the display of the result.

TEST PROCEDURE No P6/4D/402

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*.

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



James Cantrill

A/g Manager
Policy and Regulatory Services

FIGURE P6/4D/402 – 1



Sbot Technologies CAPER CART 3 Model CAPER-V012.0 Weighing Instrument

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