Australian Government
Department of Industry, Science and Resources

National Measurement Institute

36 Bradfield Road, West Lindfield NSW 2070

Certificate of Approval

NMI 6/4D/407

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.

Tscale model ATP-15MR Weighing Instrument

submitted by GaP Solutions Pty Ltd
26 Woodlands Tce
Edwardstown SA 5039

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	23/07/25

CONDITIONS OF APPROVAL

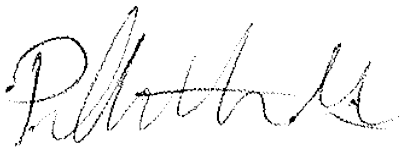
General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI 6/4D/407' 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.

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

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



Phillip Mitchell
A/g Manager
Policy and Regulatory Services

TECHNICAL SCHEDULE No 6/4D/407

1. Description of Pattern approved on 23/07/25

Tscale model ATP-15MR Weighing Instrument class (III) non-automatic self-indicating price-computing multi-interval weighing instrument (Figure 1) 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 7 segment LCD operator and customer displays integrated into the instrument body. For each side the display consists of displays for presentation of weight, unit price, total price information, and zero, gross and 'net' indicators.

Instruments have unit price to $9999.99/kg, price to $9999.99, and product look up (PLU) facility.

Power for the instrument may be supplied by either:

- an AC/DC mains adaptor; or/and
- an internal rechargeable 6 V DC sealed lead-acid battery.

Note: The AC/DC mains adaptor supplied for the instrument was FLYPOWER model PS06H120K0500AD power supply (output 12 V DC, 0.5 A) – the submittor should be consulted regarding the acceptability of alternative power supply units.

Instruments may be fitted with output sockets (output interfacing capability) for the connection of auxiliary and/or peripheral devices.

Note: The instrument is not approved to be used with a printer. The accumulation function shall be set to 'disable'.

1.1 Zero

A zero tracking device may be fitted.

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 subtractive tare device of up to 14.995 kg may be fitted.

1.3 Display Check

A display check is initiated whenever power is applied.

1.4 Levelling

The instrument has adjustable feet and a level indicator.

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

1.5 Verification Provision

Provision is made for the application of a verification mark.

1.6 Descriptive Markings and Notices

Instruments carry the following markings:

Manufacturer's mark, or name written in full	Tscale Electronics MFG (Kunshan) Co Ltd
Name or mark of manufacturer's agent	GaP Solutions Pty Ltd
Indication of accuracy class	(III)
Pattern approval number for the instrument	NMI 6/4D/407
Maximum capacity	*Max* ...../..... g or kg #1
Minimum capacity	*Min* ..... g or kg #1
Verification scale interval	*e* = .../..... g or kg #1
Maximum subtractive tare	*T* = − ……. g or kg #2
Serial number of the instrument	……..

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

#2 This marking is required if *T* is not equal to *Max*.

1.7 Sealing Provision

Provision is made for the calibration to be sealed by mean of a plastic slice and a destructive adhesive label placed over the access hole to the calibration button underneath the instrument as shown in Figure 2. Sealing to prevent access within the instrument housing may be achieved by mean of a destructive adhesive label placed over one of the assembling screws of the housing as shown in Figure 2.

1.8 Software

The legally relevant software version is 1.10 or 1.12, and it can be displayed by pressing 'Backlight and M+' keys.

The application software version is 1.xx, where xx can be 00 to 99. The application software version is displayed during the initial power-up sequence of the instrument.

TEST PROCEDURE No 6/4D/407

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.

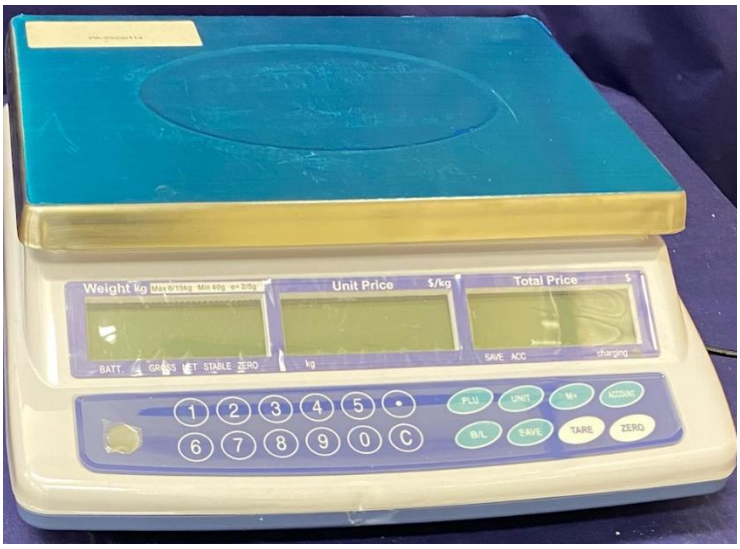
Maximum Permissible Errors

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

Tests

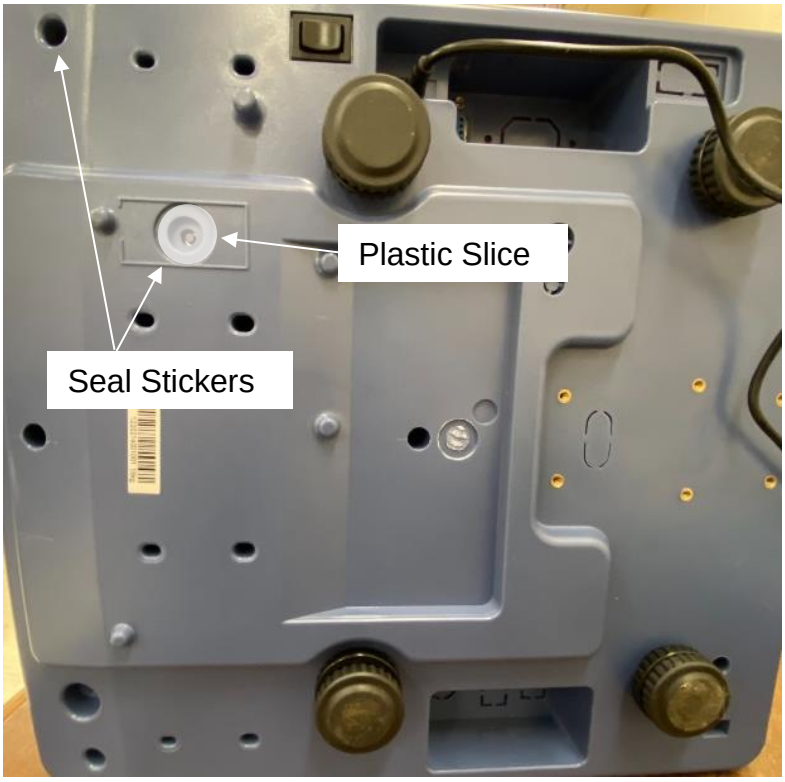
For multi-interval and multiple range instruments with verification scale intervals of e_1, e_2 …, apply e_1 for zero adjustment, and maximum permissible errors apply e_1, e_2 …, as applicable for the load.

FIGURE 6/4D/407 – 1



Tscale Model ATP-15MR (Pattern)

FIGURE 6/4D/407 – 2



Typical Sealing Method

~ End of Document ~