Australian Government

National Measurement Institute

12 Lyonpark Road, North Ryde NSW 2113

Cancellation Certificate of Approval No 6/4C/96

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 6/4C/96 issued 24 November 1997 in respect of the

Ascom Monetel Model AWFM Weighing and Franking Instrument

submitted by Solution 6
1911 Malvern Road
East Malvern VIC 3145

has been cancelled in respect of new instruments as from 1 November 2004.

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 6/4C/96

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

Ascom Monetel Model AWFM Weighing and Franking Instrument

submitted by Solution 6
1911 Malvern Road
East Malvern VIC 3145.

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 November 2002, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No 6/4C/96 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: provisionally approved 10 May 1996
approved 24 October 1997

- An Ascom Monetel model AWFM self-indicating multiple-range weighing and franking instrument of 10 kg maximum capacity.

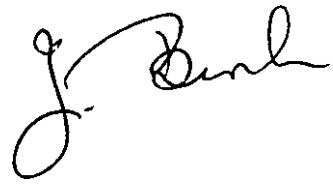
Technical Schedule No 6/4C/96 describes the pattern.

FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 6/4C/96 dated 24 November 1997
Technical Schedule No 6/4C/96 dated 24 November 1997 (incl.Test Procedure)
Figures 1 and 2 dated 24 November 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 6/4C/96

Pattern: Ascom Monetel Model AWFM Weighing and Franking Instrument.

Submittor: Solution 6
1911 Malvern Road
East Malvern VIC 3145.

1. Description of Pattern

An Ascom Monetel model AWFM self-indicating multiple-range weighing and franking instrument (Figure 1). The instrument may be wall-mounted as shown in Figure 1 provided that the strength and stability of the mounting arrangements are adequate.

1.1 Details

Instruments include a PRECIA model X922-A weighing instrument (Figure 2) with a low range of 3 kg maximum capacity with a verification scale interval of 0.001 kg, and a high range of 10 kg maximum capacity with a verification scale interval of 0.002 kg. The weighing range in use is identified by the appropriate LED being illuminated.

Instruments consist of two modules, connected by cables. The first module (a PRECIA model X922-A weighing instrument) weighs the object and displays its mass. The second module takes the destination code and type of postage details entered by the purchaser and using the mass, calculates a postal charge which is displayed on this module's VDU screen. Once the postal charge has been paid, a postal stamp is then issued.

The second module displays error messages for various situations, including where the instrument is out of stamps or out of change.

1.2 Zero

Zero is automatically corrected to within ±0.25 e whenever power is applied and whenever the instrument comes to rest within 0.5e of zero. If the instrument comes to rest outside that range then an error message is displayed and the transaction cannot be completed until zero is reset. Zero may be set by pressing the zero button, which is only accessible to authorised personel.
The initial zero-setting device has a nominal range of not more than 20% of the maximum capacity of the instrument.

1.3 Display Check

A display check is initiated whenever power is applied.

1.4 Levelling

Instruments are provided with adjustable feet and a level indicator, which are only accessible to authorised personel.

1.5 Verification/Certification Provision

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

1.6 Sealing Provision

Provision is made for the calibration adjustments to be sealed by means of destructible labels over the calibration adjustment access covers located on either side of the weighing module.

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	
For each range:	
Maximum capacity	*Max* ..... kg *
Minimum capacity	*Min* ..... kg *
Verification scale interval	*e =* ..... kg *
Serial number of the instrument	
Pattern approval mark for the instrument	NSC No 6/4C/96

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

TEST PROCEDURE

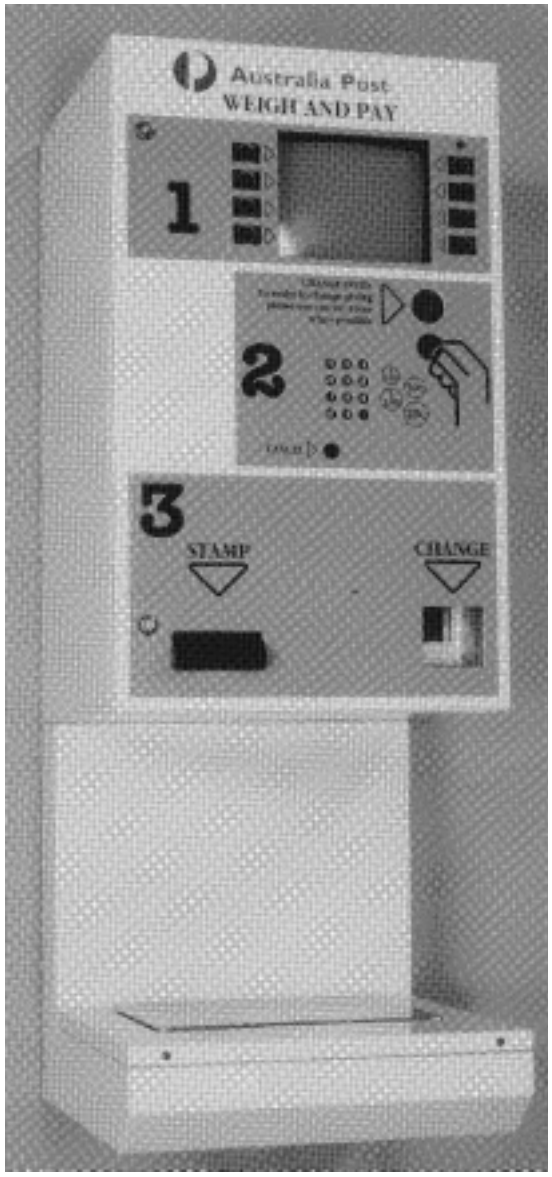
Instruments should be tested in conjunction with any tests specified in the approval documentation for the indicator used, and in accordance with any relevant tests specified in the Inspector's Handbook.

Maximum Permissible Errors at Verification/Certification

For each weighing range, the maximum permissible errors for increasing and decreasing loads on initial verification/certification for loads, *m*, expressed in verification scale intervals, e, are:

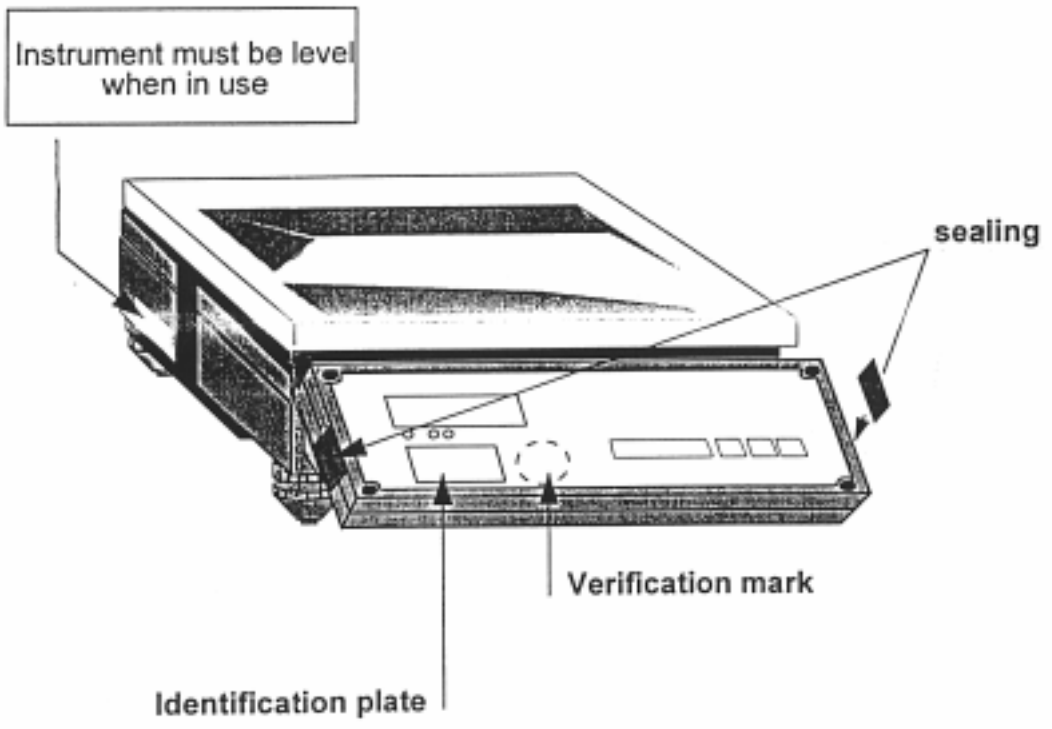
±0.5 *e* for loads $0 \leq m \leq 500$;
±1.0 *e* for loads $500 < m \leq 2\,000$; and
±1.5 *e* or loads $2\,000 < m \leq 10\,000$.

FIGURE 6/4C/96 - 1



Ascom Monetel Model AWFM Weighing Instrument

FIGURE 6/4C/96 - 2



PRECIA Model X922-A Weighing Instrument