



NATIONAL STANDARDS COMMISSION

6/4C/42A
18/8/89

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

CERTIFICATE OF APPROVAL No 6/4C/42A

This is to certify that an approval for use for trade has been granted in respect of the pattern of the

Avery Model 1791 Weighing Instrument

submitted by Avery Australia Limited
3 Birmingham Avenue
Villawood NSW 2163.

This Certificate is issued upon completion of a review of NSC approval No 6/4C/42.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/7/94.
This approval expires in respect of new instruments on 1/7/95.

Instruments purporting to comply with this approval shall be marked NSC No 6/4C/42A.

This approval may be withdrawn if instruments are constructed other than in accordance with the drawings and specifications lodged with the Commission.

Auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificates Nos S1/0 and/or S2/0, as appropriate.

Signed

Executive Director

Descriptive Advice

Pattern: approved 6/6/89

- A self-indicating weighing instrument of 15 kg capacity with a verification scale interval of 0.005 kg.

Technical Schedule No 6/4C/42A describes the pattern.

Filing Advice

The documentation for this approval comprises:

Certificate of Approval No 6/4C/42A dated 18/8/89
Technical Schedule No 6/4C/42A dated 18/8/89
Test Procedure No 6/4C/42A dated 18/8/89
Figure 1 dated 18/8/89.



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/4C/42A

Pattern: Avery Model 1791 Weighing Instrument.

Submittor: Avery Australia Limited
3 Birmingham Avenue
Villawood NSW 2163.

1. Description of Pattern

An Avery model 1791 self-indicating weighing instrument (Figure 1) of 15 kg capacity with a verification scale interval of 0.005 kg. The instrument may be fitted with output sockets for the connection of peripheral and/or auxiliary devices. The instrument is fitted with an Avery model T103 load cell.

1.1 Zero

Zero is automatically corrected to within $\pm 0.25e$ whenever the instrument comes to rest within $0.5e$ of zero. If the instrument comes to rest outside that range but within the zero reset range, zero may be reset by pressing the zero button. The zero light illuminates whenever zero is set within $0.25e$.

1.2 Display Check

A display check is initiated whenever power is applied. The instrument will then automatically rezero if it is within approximately $30e$ of zero.

1.3 Markings

Instruments are marked with the following data, together in one location:

Manufacturer's name or mark	
Serial number #	
NSC approval number	NSC No 6/4C/42A
Accuracy class	(III)
Maximum capacity	Max kg *
Minimum capacity	Min kg *
Verification scale interval	e = d = kg *

The serial number may be located adjacent to the verification mark.
* Repeated in the vicinity of each reading face.

1.4 Levelling

The instrument is provided with adjustable feet and adjacent to the level indicator is a notice advising that the instrument must be level when in use.

1.5 Verification Provision

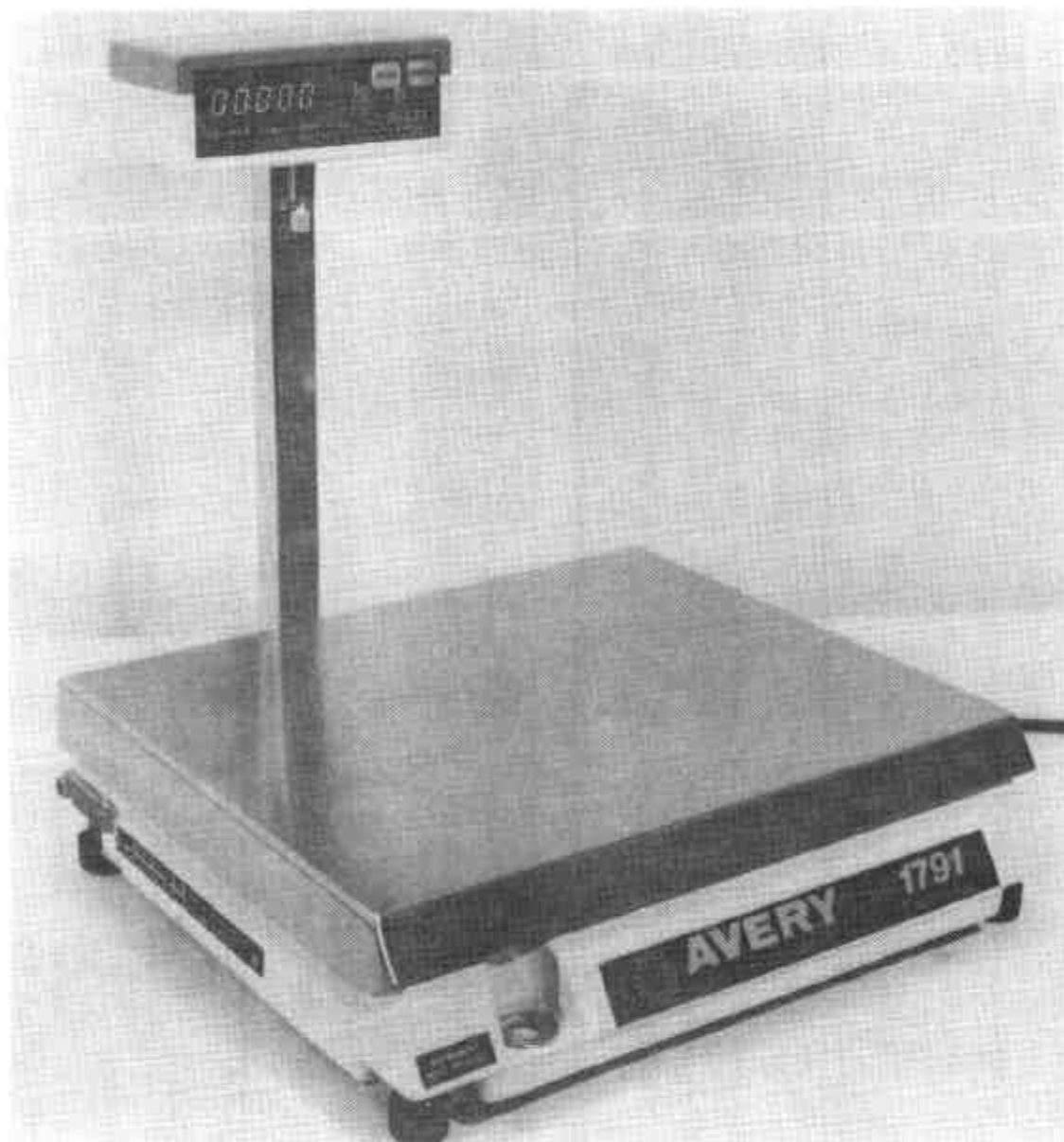
Provision is made for a verification mark to be applied.

TEST PROCEDURE

Instruments should be tested in accordance with any relevant tests specified in the Inspector's Handbook. The results should not exceed the maximum permissible errors specified in Document 118, 2nd Edition, October 1986.

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Figure 6/4C/42A - 1



Avery Model 1791 Weighing Instrument