



6/4C/55
27/4/88

NATIONAL STANDARDS COMMISSION

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

CERTIFICATE OF APPROVAL No 6/4C/55

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

Oertling Model OC51 Weighing Instrument

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

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/1/93.
This approval expires in respect of new instruments on 1/1/94.

Instruments purporting to comply with this approval shall be marked NSC No 6/4C/55.

This approval may be withdrawn if instruments are constructed other than in accordance with the drawings and specifications lodged with the Commission.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 4/12/87

- Oertling model OC51 weighing instrument of 5000 g maximum capacity with a verification scale interval of 1 g, and known also as a Stanton model 15CO.

Technical Schedule No 6/4C/55 describes the pattern.

Filing Advice

The documentation for this approval comprises:

Certificate of Approval No 6/4C/55 dated 27/4/88
Technical Schedule No 6/4C/55 dated 27/4/88 (incl. Test Procedure)
Figure 1 dated 27/4/88



NATIONAL STANDARDS COMMISSION

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TECHNICAL SCHEDULE No 6/4C/55

Pattern: Oertling Model OC51 Weighing Instrument.

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

1. Description of Pattern

A self-indicating class II weighing instrument (Figure 1) of 5000 g maximum capacity with a verification scale interval of 1 g, and which may be fitted with an output socket for the connection of an auxiliary or a peripheral device.

The instrument is also known as a Stanton model 15CO.

1.1 Zero

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

1.2 Display Check

A display check is initiated whenever power is applied to the instrument.

1.3 Tare

A semi-automatic subtractive taring device of up to 5000 g capacity may be fitted which permits setting of tare to within $\pm 0.25e$.

1.4 Set Point

The instrument may be fitted with a set point facility, in which case an additional UNDER/ACCEPT/OVER display and a plug-in keyboard are fitted.

1.5 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.

1.6 Verification Provision

Provision is made for a verification mark to be applied.

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1.7 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/55
Accuracy class	(II)
Maximum capacity	Max g *
Minimum capacity	Min g *
Verification scale interval	e = g *
Scale interval	d = g *
Maximum subtractive tare	T = -..... g

* These markings are repeated in the vicinity of each reading face.

Alternately, this may be marked adjacent to the verification mark.

In addition the instrument is marked NOT FOR RETAIL COUNTER USE or similar wording.

TEST PROCEDURE No 6/4C/55

Instruments should be tested in accordance with any relevant tests specified in the Inspector's Handbook.

The maximum permissible errors are:

$\pm 0.5e$ for loads between 0 and 5 000e; and
 $\pm 1.0e$ for loads between 5 001e and 20 000e.

1. Zero Range

The maximum range of operation of the zero setting device should not exceed 4% of the maximum capacity ($\pm 2\%$ approximately). The device shall be capable of both negative and positive adjustments of at least one-quarter of the zero adjustment range. With zero balance indicated apply a load of, say, 3.5% of maximum capacity to the instrument and press the zero button; the instrument should not rezero.

National Standards Commission



NOTIFICATION OF CHANGE
CERTIFICATE OF APPROVAL No 6/4C/55
CHANGE No 1

The following changes are made to the approval documentation for the

Oertling Model OC51 Weighing Instrument

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

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.

A handwritten signature in black ink, appearing to read 'J. Birch'.

In Technical Schedule No 6/4C/55 dated 27/4/88, clause 1.1 Zero should be amended by changing the references to zero setting (in the first and last lines) to read, in part, "... set to within $\pm 0.5d$...", (rather than " $\pm 0.25e$ ").

FIGURE 6/4C/55 - 1



Oertling Model OC51