



Weights and Measures
(National Standards)
Act 1960-1964

Weights and Measures
(Patterns of Instruments)
Regulations

CANCELLED

COMMONWEALTH OF AUSTRALIA

NATIONAL STANDARDS COMMISSION

Certificate of Approval

CERTIFICATE NUMBER 6/4D/13

In respect of the pattern of

Quality Model 233 Self-indicating Counter Machine.

Submitted by: Quality Scale Co. Pty. Ltd.,
The Arcade,
Crow's Nest,
New South Wales, 2065.

This is to certify that the pattern of instrument illustrated and described in this Certificate, has been examined by the National Standards Commission under the provisions of No 12 of the above-mentioned Regulations and has been approved as being suitable for use for trade, together with the variants mentioned in the Schedule to this Certificate.

Notice of this Approval was given in Memorandum of Approval No 33 dated 17th November, 1966.

Signed 

Date of issue 27th March, 1969.

This Certificate is applicable in all States.

GENERAL

The instrument described in this Certificate is a modification of the Quality Model 233 Self-indicating Counter Machine. The modification consists of the fitting of a decimal currency price-computing chart and indicator in place of the chart and indicator designed for the computation of prices in shillings and pence.

DESCRIPTION

The pattern (see Figure 1) is of 3 lb capacity and consists of bottom-works of the inverted Roberval type connected to indicating mechanism of the single cam and pendulum type.

The chart on the purchaser's side consists of a weight chart graduated from zero to 3 lb by $\frac{1}{4}$ oz graduations, each 2 oz graduation line being numbered and denominated.

A similar chart is fitted on the vendor's side and bears a series of computed prices based on price rates from 1 to 200 cents per pound (see Figure 2). The computed prices are in increments of 1 cent up to 50 cents per pound and 2 cents from 55 to 200 cents per pound. The chart is marked "cents", "1 c divisions", "2 c divisions" and "QSC3". The indicator is marked "cents per lb" and "QSC3". The prices per pound and the computed prices are marked in alternate bands of yellow and white.

SCHEDULE OF VARIANTS

1. Instruments similar to the approved pattern but having a weight chart, graduated from zero to 6 lb by $\frac{1}{2}$ oz graduations with each 4 oz graduation line numbered and denominated, fitted on both the purchaser's and vendor's sides of the machine and
 - (a) a decimal currency price-computing chart (see Figure 3) on the vendor's side only, bearing a series of computed prices based on price rates from 1 to 110 cents per pound. The chart is marked "cents", "1 c divisions", "2 c divisions" and "QSC1". The indicator is marked "cents per lb" and "QSC1". The prices per pound and the computed prices are marked in alternate bands of yellow and white;

- (b) a decimal currency price-computing chart (see Figure 4) on the vendor's side only, bearing a series of computed prices based on price rates from 6 to 48 cents per pound. The chart is marked "cents" and "QSC2". The indicator is marked "cents per lb" and "QSC2". The prices per pound and the computed prices are marked in alternate bands of yellow and white.
- 2. The price-computing charts fitted to the pattern and Variant 1 fitted to other instruments approved by a State or the Commission.

ANNEXES

Figures 6/4D/13 - 1, 2, 3 and 4 form part of this approval document.

NOTE

This Certificate should be read in conjunction with the General Specifications.



NATIONAL STANDARDS COMMISSION

CERTIFICATE OF APPROVAL No 6/4D/13

VARIATION No 1

Approved: Quality Partly Self-indicating Counter Machine Model 233

This is to certify that the pattern and variants of the abovementioned instrument, approved under the belowmentioned State and National Standards Commission approvals, have been approved under the Weights and Measures (Patterns of Instruments) Regulations as being suitable for use for trade when converted to read in metric units in accordance with Appendix 8 of the General Specifications for Measuring Instruments to be Used for Trade.

Date of Approval: 27 August 1974

Description of Pattern:

The State-approved pattern and variants are described in the following approvals:

South Australia	Approval No 95
Victoria	Approval Nos 116, 168

Variants approved by the Commission under regulation 12 are described in Certificate of Approval No 6/4D/13 dated 27 March 1969.

Conditions of Approval:

1. This approval is subject to review on or after 31 December 1975 to determine the extent to which the pattern and variants may need to be modified to comply with the Commission's pattern approval requirements at the date of review.
2. All instruments conforming to this approval shall be marked "NSC No 6/4D/13".

Signed

Executive Officer

11/9/74



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/4D/13

VARIATION No 2

CANCELLED

0/1

Pattern: Quality Model 233 Weighing Instrument

Submittor: Able Scale Service Pty Ltd,
373 Forest Road,
Penshurst, New South Wales, 2222.

Date of Approval of Variations: 5 June 1975

The modification described in this Schedule applies to the patterns described in Certificate No 6/4D/13 dated 27 March 1969 and Technical Schedule No 6/4D/13 - Variation No 1 dated 11 September 1974.

Condition of Approval:

All instruments conforming to this approval shall be marked "NSC No 6/4D/13".

Description:

The modification provides for the weight-reading face to be graduated to 2700 g by 20-g scale intervals with price-to-pay and unit-price reading faces for the monetary range of 2 to 240 c/kg.

The approval includes the 2700-g capacity weight-reading face fitted to other Commission-approved patterns, which will be marked with the approval number "NSC No 6/4D/13" as well as the approval number of the pattern.

FIGURE 6/4D/13 - 1



Quality Model 233

FIGURE 6/4D/13 - 2

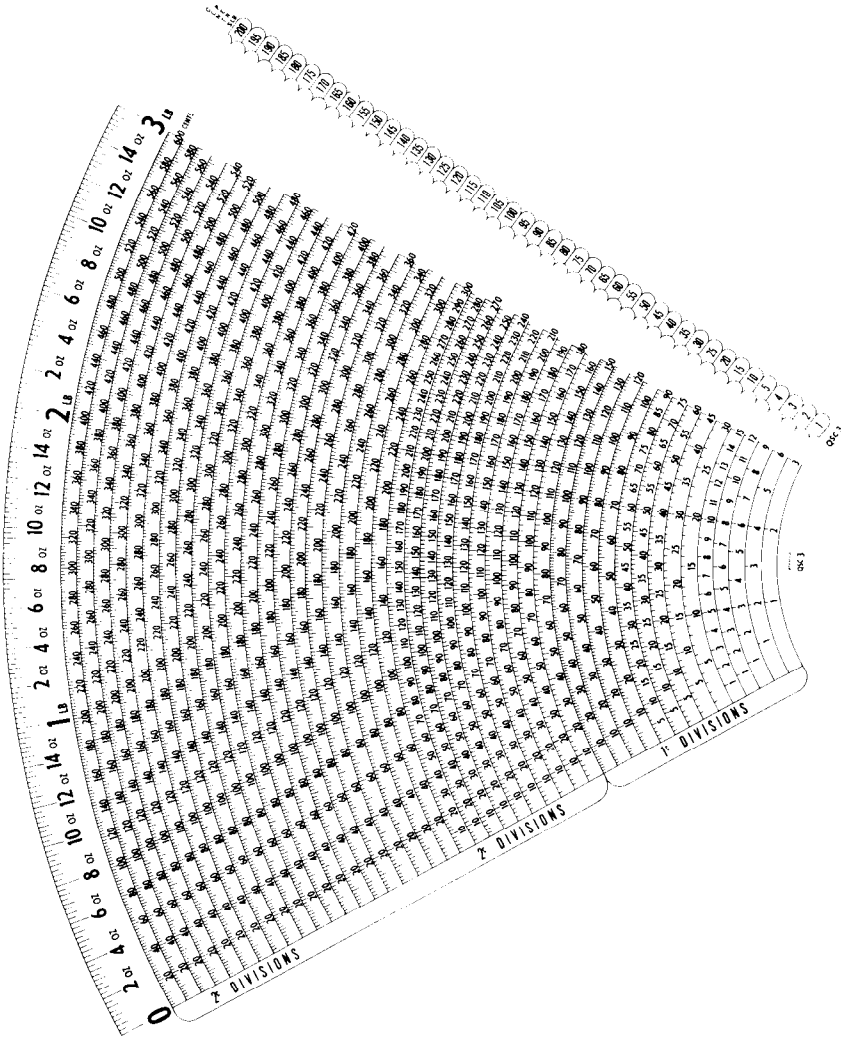
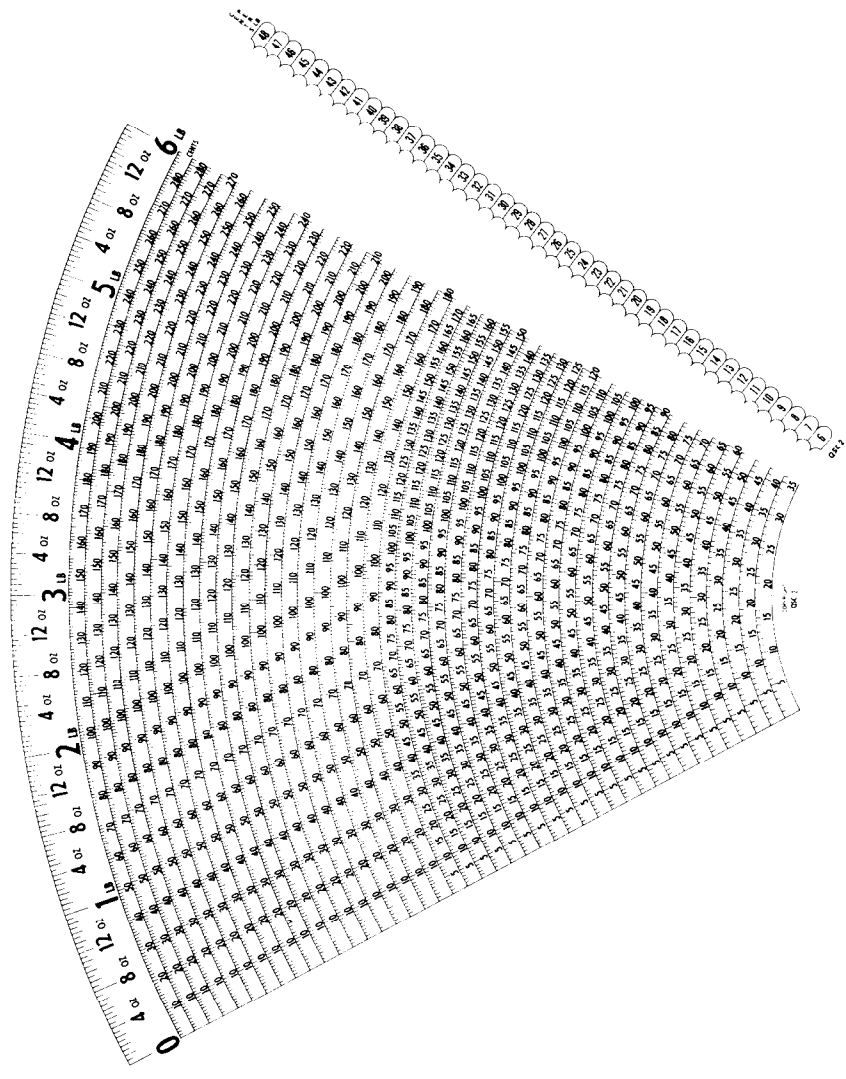


Chart and Indicator QSC3

A detailed view of a circular slide rule, showing multiple scales for calculations. The top scale is labeled 'A' and ranges from 1 to 10. Below it are scales for '12 or 2', '4 or 8', '3 or 6', '5 or 10', and '6 or 12'. The bottom scale is labeled 'F DIVISIONS' and ranges from 1 to 10. The slide rule is used for calculations involving division and multiplication.

Decimal Currency Price-computing Chart QSC1

FIGURE 6/4D/13 - 4



Decimal Currency Price-computing Chart QSC2