



# NATIONAL STANDARDS COMMISSION

6/4D/217A  
28/8/89

## NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

### REGULATION 9

#### CERTIFICATE OF APPROVAL No 6/4D/217A

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

Teraoka Selko Model DS-430 Weighing Instrument

submitted by W W Wedderburn Pty Ltd  
90 Parramatta Road  
Summer Hill NSW 2130.

This Certificate is issued upon completion of a review of NSC approval No 6/4D/217.

#### CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/8/94.  
This approval expires in respect of new instruments on 1/8/95.

Instruments purporting to comply with this approval shall be marked NSC No 6/4D/217A.

This approval may be withdrawn if instruments are constructed other than in accordance with the drawings and specifications lodged with the Commission.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 11/7/89

- A Teraoka Selko model DS-430 dual-interval self-indicating price-computing weighing instrument of 15 kg maximum capacity.

Variants: approved 11/7/89

1. Of 30 kg maximum capacity.
2. Displaying mass only.

Technical Schedule No 6/4D/217A describes the pattern and variants 1 and 2.

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Filing Advice

The documentation for this approval comprises:

Certificate of Approval No 6/4D/217A dated 28/8/89  
Technical Schedule No 6/4D/217A dated 28/8/89 (Incl. Test Procedure)  
Figure 1 dated 28/8/89



# NATIONAL STANDARDS COMMISSION

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## TECHNICAL SCHEDULE No 6/4D/217A

Pattern: Teraoka Seiko Model DS-430 Weighing Instrument.

Submittor: W W Wedderburn Pty Ltd  
90 Parramatta Road  
Summer Hill NSW 2130.

### 1. Description of Pattern

A Teraoka Seiko model DS-430 dual-interval self-indicating price-computing weighing instrument (Figure 1) with a verification scale interval of 0.002 kg up to 6 kg and with a verification scale interval of 0.005 kg from 6 kg up to the maximum capacity of 15 kg.

The instrument has unit price to \$999.99/kg and price to \$9999.99. It may be fitted with a price-look-up (PLU) facility, and may also be fitted with an output socket for the connection of a peripheral or an auxiliary device.

#### 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 to the instrument.

#### 1.3 Tare

A semi-automatic subtractive taring device and/or a keyboard-operated non-automatic taring device, each of up to 5.998 kg capacity, may be fitted. Instruments fitted with the non-automatic device shall be marked NOT TO BE USED FOR TRADING DIRECT WITH THE PUBLIC, or similar wording.

#### 1.4 Hold Switch

Instruments may be fitted with a 'hold' switch, located on the underside. With this switch in the ON position, the display of the last weighing/price-computing operation will be retained for approximately 10 seconds after the mass has been removed.

#### 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.

### 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 6/4D/217A
Accuracy class	III
Maximum capacity	Max..... kg *
Minimum capacity	Min..... kg *
Low range: Maximum capacity	Max..... kg *
Verification scale Interval	e = d =..... kg *
High range: Maximum capacity	Max..... kg *
Verification scale Interval	e = d =..... kg *
Maximum subtractive tare	T = -..... kg

\* Repeated in the vicinity of each reading face.

Instruments fitted with a non-automatic taring device shall be marked NOT TO BE USED FOR TRADING DIRECT WITH THE PUBLIC, or similar wording.

### 2. Description of Variants

#### 2.1 Variant 1

With a verification scale interval of 0.005 kg up to 15 kg and with a verification scale interval of 0.010 kg from 15 kg up to the maximum capacity of 30 kg.

A semi-automatic subtractive taring device and/or a keyboard-operated non-automatic taring device, each of up to 14.995 kg capacity, may be fitted. Instruments fitted with the non-automatic device shall be marked NOT TO BE USED FOR TRADING DIRECT WITH THE PUBLIC, or similar wording.

#### 2.2 Variant 2

Displaying mass only i.e. without price-computing.

### TEST PROCEDURE 6/4D/217A

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 6/40/217A - 1



Typical OS-430 Instrument.