



# National Standards Commission

## NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

### REGULATION 9

#### CERTIFICATE OF APPROVAL No 6/4C/45A

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

Teraoka Seiko Model DS-320 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 6/4C/45.

#### CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/11/94.  
This approval expires in respect of new instruments on 1/11/95.

Instruments purporting to comply with this approval shall be marked NSC No 6/4C/45A and only by persons authorised by the submitter.

This approval may be withdrawn if instruments are constructed other than in accordance with the drawings and specifications lodged with the Commission.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

The values of the performance criteria (maximum number of scale intervals etc.) applicable to the instrument shall be within the limits specified in this approval or in any approval documentation for the components, where they are approved separately.

Signed

Executive Director

#### Descriptive Advice

Pattern: approved 11/10/89

- A Teraoka Seiko model DS-320 self-indicating weighing instrument of 15 kg maximum capacity.

Variant: approved 11/10/89

1. Of 9.995 kg maximum capacity.

Technical Schedule No 6/4C/45A describes the pattern and variant 1.

Filing Advice

The documentation for this approval comprises:

Certificate of Approval No 6/4C/45A dated 18/12/89  
Technical Schedule No 6/4C/45A dated 18/12/89 (incl. Test Procedure)  
Figure 1 dated 18/12/89



# National Standards Commission

## TECHNICAL SCHEDULE No 6/4C/45A

Pattern: Teraoka Seiko Model DS-320 Weighing Instrument.

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

### 1. Description of Pattern

A Teraoka Seiko model DS-320 self-indicating weighing instrument of 15 kg maximum capacity with a verification scale interval of 0.005 kg (Figure 1) which may be fitted with output sockets for the connection of peripheral and/or auxiliary devices.

#### 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 within  $\pm 0.25e$ .

#### 1.2 Display Check

A display check is initiated whenever power is applied.

#### 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/45A
Accuracy class	III
Maximum capacity	Max ..... kg *
Minimum capacity	Min ..... kg *
Verification scale interval	e = d = ..... kg *

\* 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.

The level indicator may be located as shown in Figure 1 or may be visible through a transparent aperture in the load receptor.

#### 1.5 Verification Provision

Provision is made for a verification mark to be applied.

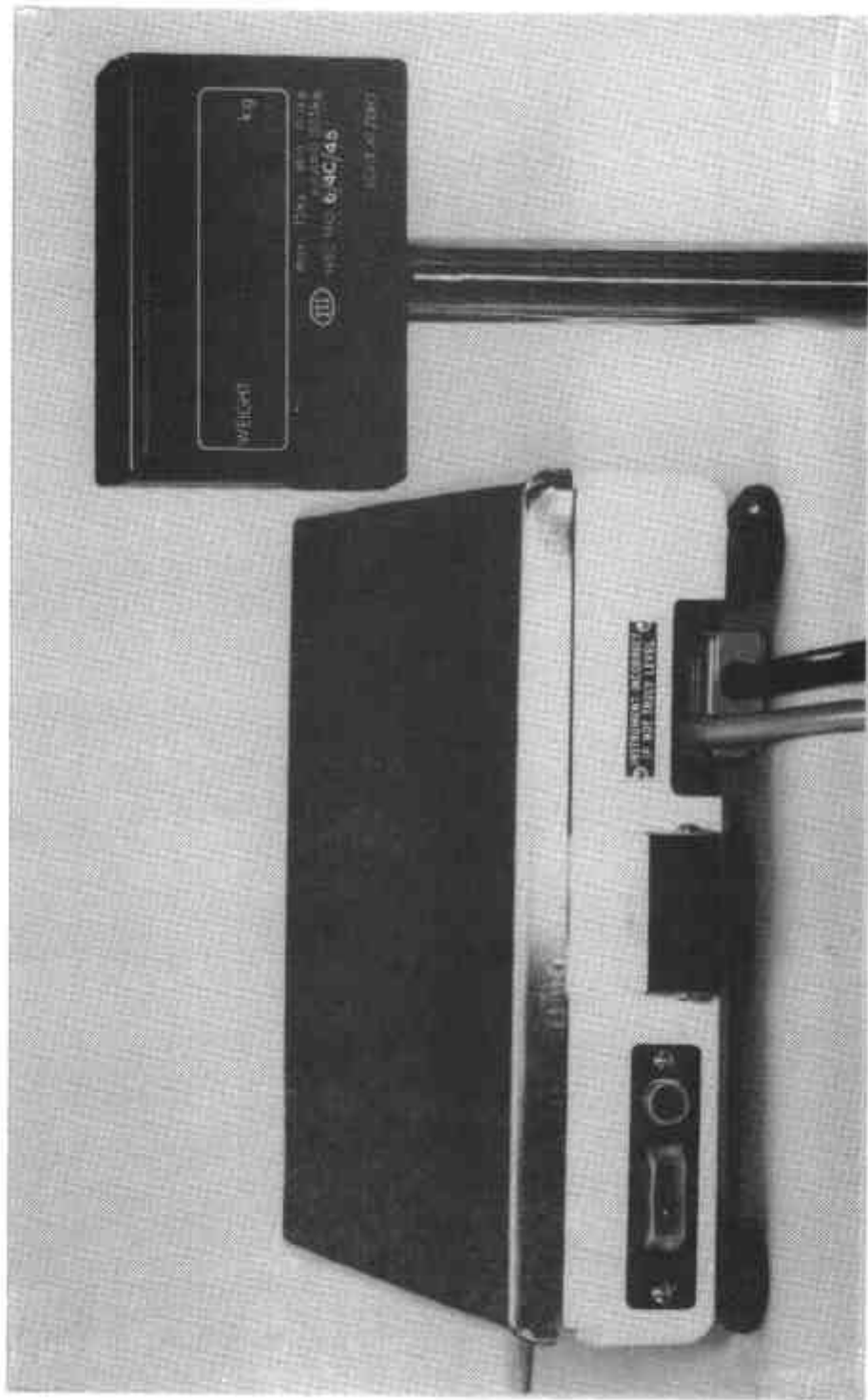
2. Description of Variant 1

Of 9.995 kg maximum capacity with a verification scale interval of 0.005 kg.

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.

Figure 6/4C/45A - 1



Teraco Seiko DS-320 Weighing Instrument