



# NATIONAL STANDARDS COMMISSION

6/9C/221  
20/1/89

## NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

### REGULATION 9

#### CERTIFICATE OF APPROVAL No 6/9C/221

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

Scales and Systems Model SASBA1 Platform Weighing Instrument

submitted by Scales and Systems Pty Ltd  
5 Hercules Street  
Hamilton QLD 4007.

#### CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/10/93.  
This approval expires in respect of new Instruments on 1/10/94.

Instruments purporting to comply with this approval shall be marked NSC No 6/9C/221.

This approval may be withdrawn if Instruments are constructed other than in accordance with the drawings and specifications lodged with the Commission.

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 28/9/88

- A self-indicating weighing instrument with a maximum capacity greater than 30 kg but not greater than 60 kg.

Technical Schedule No 6/9C/221 describes the pattern.

#### Filing Advice

The documentation for this approval comprises:

Certificate of Approval No 6/9C/221 dated 20/1/89  
Technical Schedule No 6/9C/221 dated 20/1/89 (Incl. Test Procedure)  
Figures 1 and 2 dated 20/1/89



# NATIONAL STANDARDS COMMISSION

6/9C/221  
20/1/80

## TECHNICAL SCHEDULE No 6/9C/221

Pattern: Scales and Systems Model SASBA1 Platform Weighing Instrument.

Submittor: Scales and Systems Pty Ltd  
5 Hercules Street  
Hamilton QLD 4007.

### 1. Description of Pattern

A self-indicating platform weighing instrument (Figure 1) with a maximum capacity greater than 30 kg but not greater than 60 kg, and approved for use with up to 3000 verification scale intervals.

#### 1.1 Basework

The model SASBA1 basework (Figure 2) uses a Teraoka model RW 60 load cell of 60 kg capacity as described in the documentation of NSC approval No S167. The basework may be with or without the roller-top receptor shown in Figure 1.

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

#### 1.2 Indicator

A Gedge model GS1650 digital indicator is used as described in the documentation of NSC approval No S193. The indicator may be mounted in an alternative housing which may also house other electronic equipment (Figure 1).

#### 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 6/9C/221
Accuracy class	III
Maximum capacity	Max..... kg *
Minimum capacity	Min..... kg *
Verification scale interval	e = d =..... kg *
Maximum subtractive tare	T = -..... kg

\* Repeated adjacent to each reading face.

#### 1.4 Verification Provision

Provision is made for a verification mark to be applied.

### TEST PROCEDURE

Instruments should be tested in conjunction with any tests specified in the approval documentation for the indicator used, and in accordance with any relevant tests specified in the Inspector's Handbook.

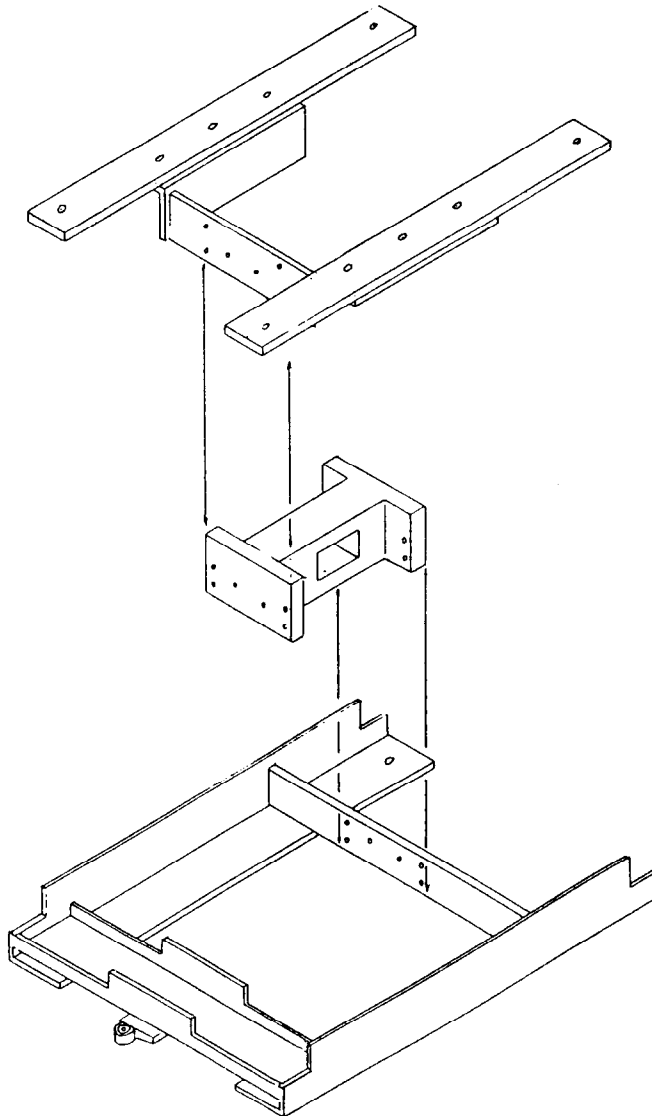
The results shall not exceed the maximum permissible errors specified in Document 118, 2nd Edition, October 1986.

FIGURE 6/9C/221 - 1



Scales and Systems Model SASBA1

FIGURE 6/9C/221 - 2



Showing Load Cell Mounting