

# National Standards Commission



## Certificate of Approval

**No 6/9C/229**

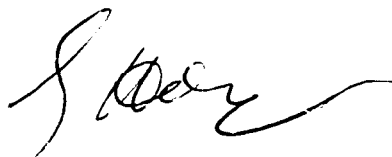
Issued under Regulation 9  
of the  
National Measurement (Patterns of Measuring Instruments) Regulations

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

PAT Model SAW 10A Weighing Instrument

submitted by Electronic Load Weighing Co of Australia  
93 Cecil Avenue  
Castle Hill NSW 2154.

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.



### 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 6/9C/229 and only by persons authorised by the submitter.

It is the submitter's responsibility to ensure that all instruments marked with this approval number are constructed as described in the documentation lodged with the Commission and with the relevant Certificate of Approval and Technical Schedule. Failure to comply with this Condition may attract penalties under Section 19B of the National Measurement Act and may result in cancellation or withdrawal of the approval, in accordance with the Commission's Document 106.

Auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificate No S1/0.

The Commission reserves the right to examine any instrument or component of an instrument purporting to comply with this approval.

#### Special:

Values obtained by the summation of readings from one or more instruments shall not be used for trade as the uncertainty of such measurements could exceed the maximum permissible errors for class 4 weighing instruments.

### DESCRIPTIVE ADVICE

**Pattern:** approved 4/7/89

- A PAT model SAW 10A self-indicating class 4 platform weighing instrument of 10 t maximum capacity with a verification scale interval of 0.1 t.

Technical Schedule No 6/9C/229 describes the pattern.

**Variant:** approved 21/1/92

1. With a verification scale interval of 0.05 t.

Technical Schedule No 6/9C/229 Variation No 1 describes variant 1.

**FILING ADVICE**

Certificate of Approval No 6/9C/229 dated 8/1/90 is superseded by this Certificate and may be destroyed. The documentation for this approval now comprises:

Certificate of Approval No 6/9C/229 dated 6/3/92  
Technical Schedule No 6/9C/229 dated 8/1/90 (incl. Test Procedure)  
Technical Schedule No 6/9C/229 Variation No 1 dated 6/3/92  
Figure 1 dated 8/1/90



# National Standards Commission

## TECHNICAL SCHEDULE No 6/9C/229

Pattern: PAT Model SAW 10A Platform Weighing Instrument.

Submittor: Electronic Load Weighing Co of Australia  
93 Cecil Avenue  
Castle Hill NSW 2154.

### 1. Description of Pattern

A PAT model SAW 10A self-indicating class 4 platform weighing instrument of 10 t capacity with a verification scale interval of 0.1 t.

#### 1.1 Platform

The platform is a stain gauge device with integral digital indicator (Figure 1).

#### 1.2 Indicator

The digital indicator is battery-operated. Applying power initiates an automatic cycle including zero setting, battery condition and display check.

#### 1.3 Level Indicator

Adjacent to the level indicator is a notice stating that THE MEASUREMENT MAY NOT BE CORRECT UNLESS THE INSTRUMENT IS LEVEL, or similar wording.

#### 1.4 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/229
Accuracy class	Ⓜ
Maximum capacity	Max ..... t
Minimum capacity	Min ..... t
Verification scale interval	e = d =.... t

#### 1.5 Verification Provision

Provision is made for a verification mark to be provided.

## TEST PROCEDURE No 6/9C/229

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.

### 1. Load Test

Test loads are to be applied, using the special fittings provided, increasing in at least 5 approximately-equal steps to maximum capacity, followed by decreasing loads in 5 approximately-equal steps to zero load.



6/9C/229  
6/3/92

# National Standards Commission

TECHNICAL SCHEDULE No 6/9C/229

VARIATION No 1

**Pattern:** PAT Model SAW 10A Platform Weighing Instrument.

**Submittor:** Electronic Load Weighing Co of Australia  
93 Cecil Avenue  
Castle Hill NSW 2154.

## 1. Description of Variant 1

With a verification scale interval of 0.05 t.

# National Standards Commission



## NOTIFICATION OF CHANGE

CERTIFICATE OF APPROVAL No 6/9C/229

CHANGE No 1

The following change is made to the approval documentation for the

PAT Model SAW 10A Weighing Instrument

submitted by Electronic Load Weighing Co of Australia  
93 Cecil Avenue  
Castle Hill NSW 2154.

In Certificate of Approval No 6/9C/229 dated 8/1/90, the description of the pattern given in the **Descriptive Advice** includes an incorrect value of verification scale interval, and should be amended to read:

"A PAT model SAW 10A self-indicating class 4 platform weighing instrument of 10 t maximum capacity with a verification scale interval of 0.1 t."

Signed and sealed by a person authorised under Regulation 9 of the National Measurement (Patterns of 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', written in a cursive style.

## National Standards Commission



### Notification of Change Certificate of Approval No 6/9C/229 Change No 2

The following changes are made to the approval documentation for the  
PAT Model SAW 10A Weighing Instrument

submitted by Electronic Load Weighing Co of Australia  
93 Cecil Avenue  
Castle Hill NSW 2154.

A. In Certificate of Approval No 6/9C/229 dated 6 March 1992, the FILING  
ADVICE on page 3 should be amended by adding the following:

“Figure 2 dated 30 September 1997”

Note: Figure 2 is attached herein.

B. In Technical Schedule No 6/9C/229 dated 8 January 1990;

(i) Clause **1.1 Platform** should be amended by replacing the  
reference to “Figure 1” with “Instruments may be in either of the  
 housings shown in Figures 1 and 2”.

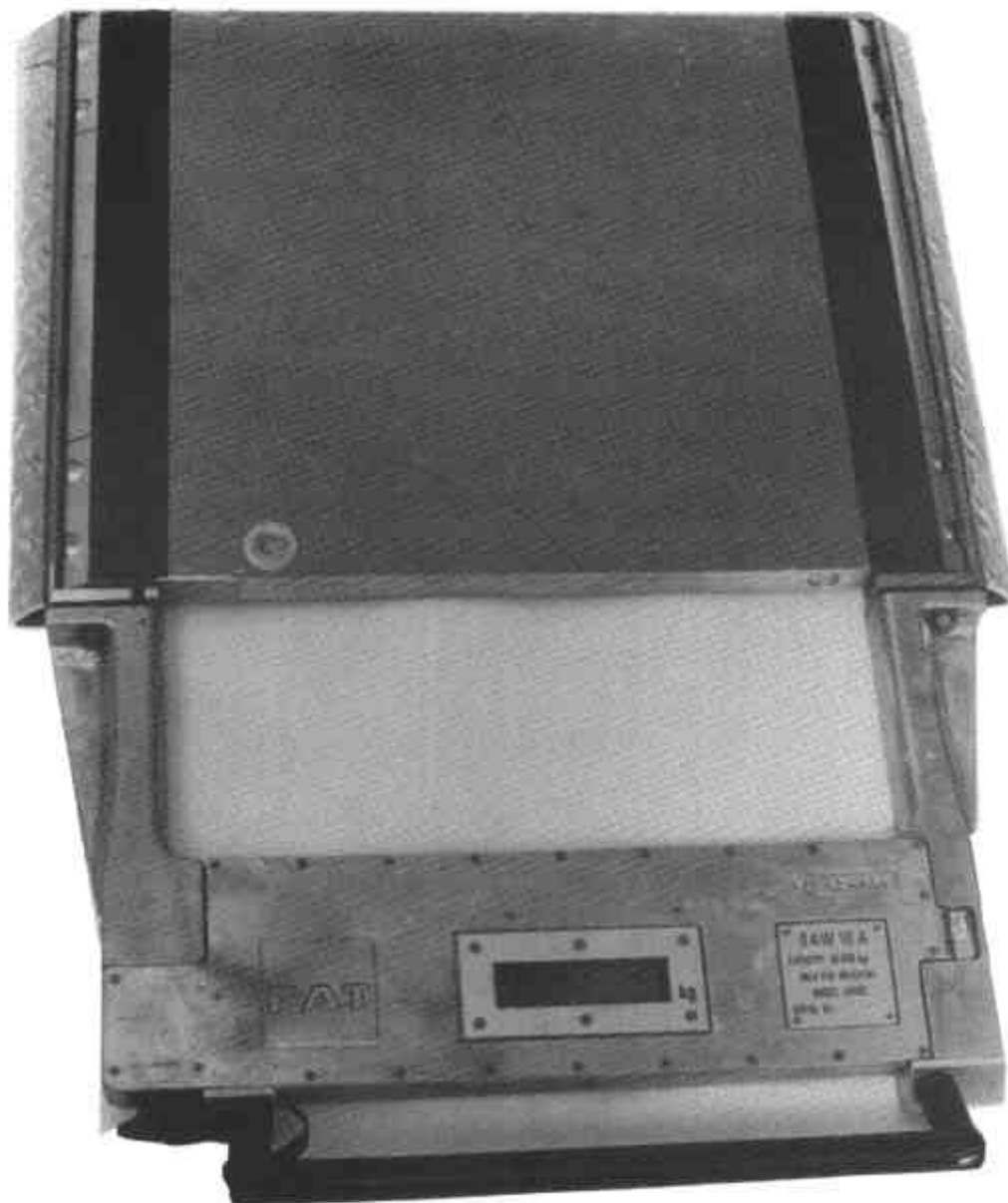
(ii) Clause **1.4 Markings** should be amended by changing the units  
allowed for “*Max, Min, and e = d*” to be “*t or kg*”.

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.



6/9C/229  
8/1/70

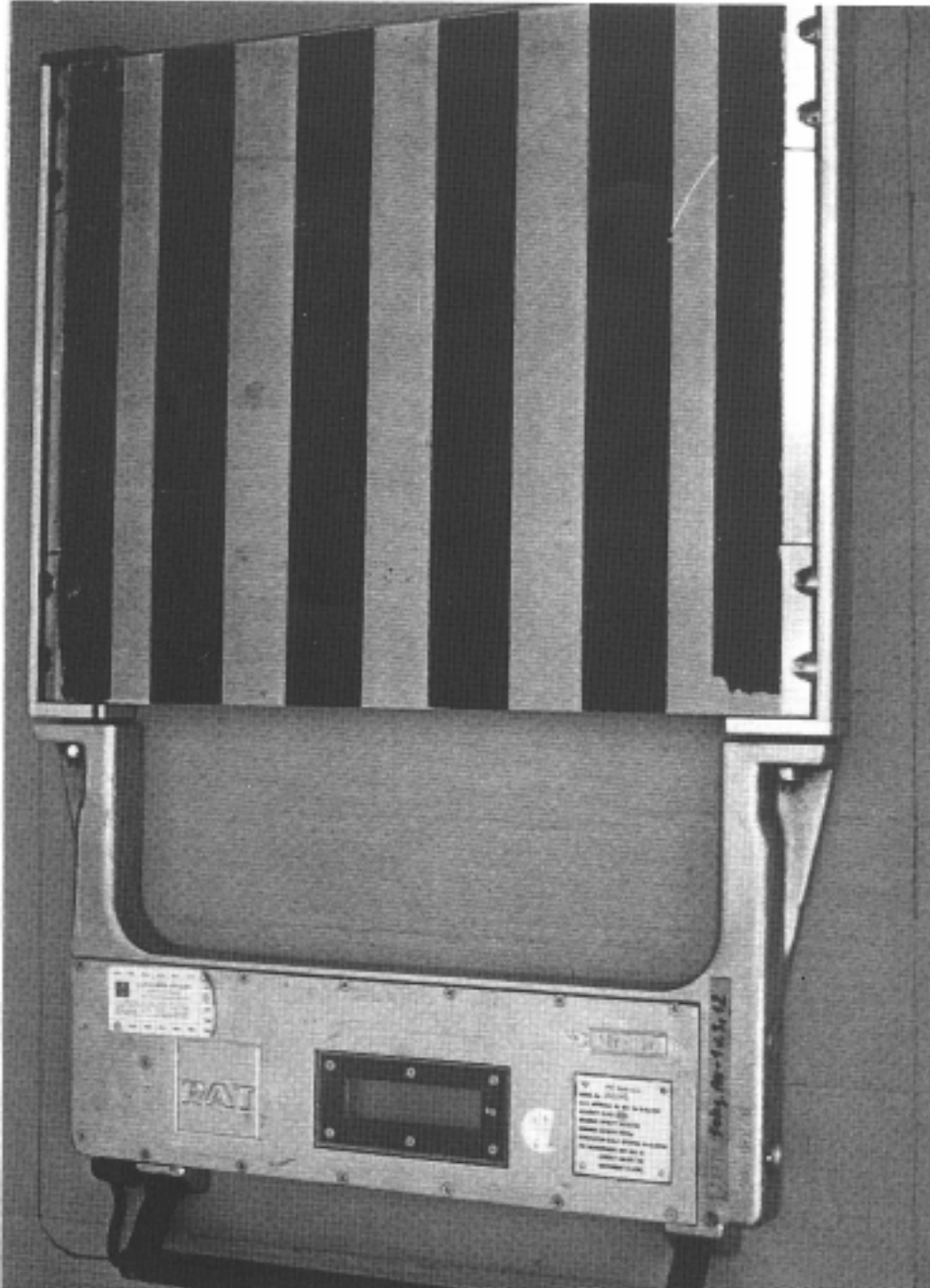
Figure 6/9C/229 - 1



PAT Model SAW 10A Weighing Instrument



FIGURE 6/9C/229 - 2



In Alternative Housing