



## **National Standards Commission**

### **Cancellation**

### **Certificate of Approval No 6/9C/235**

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

Weightronix Model DS4848-05 Weighing Instrument

submitted by     Salter Weightronix Pty Ltd  
                         20 Terracotta Drive  
                         Blackburn     VIC     3130

has been cancelled in respect of new instruments as from 28 February 1999.

Instruments which were verified/certified before that date may, with the concurrence of the relevant verifying authority, be submitted for reverification.

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.



# National Standards Commission



## Certificate of Approval

**No 6/9C/235**

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

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

**Weightronix Model DS4848-05 Weighing Instrument**

submitted by **Salter Weightronix Pty Ltd**  
**1 Apollo Court**  
**Blackburn VIC 3130.**

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.



### CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/10/95.

This approval expires in respect of new instruments on 1/10/96.

Instruments purporting to comply with this approval shall be marked NSC No 6/9C/235 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 drawings and specifications 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 values of the performance criteria (maximum number of scale intervals etc.) applicable to an instrument incorporating the pattern approved herein shall be within the limits specified herein and in any approval documentation for the other components.

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

The pattern as approved herein or with substitute load cells and/or indicator, and in other capacities, shall comply with General Certificate No 6B/0.

### DESCRIPTIVE ADVICE

**Pattern:** approved 27/9/90

- A Weightronix model DS4848-05 self-indicating weighing instrument of 2 500 kg maximum capacity.

**Variant:** approved 27/9/90

1. In other capacities and with up to 4 000 verification scale intervals.

Technical Schedule No 6/9C/235 describes the pattern and variant 1.

**Variant:** approved 28/11/90

2. With an alternative basework, including load cell mounting.

Technical Schedule No 6/9C/235 Variation No 1 describes variant 2.

#### FILING ADVICE

Certificate of Approval No 6/9C/235 dated 12/11/90 is superseded by this Certificate and may be destroyed. The documentation for this approval now comprises.

Certificate of Approval No 6/9C/235 dated 25/3/91  
Technical Schedule No 6/9C/235 dated 12/11/90 (incl. Test Procedure)  
Technical Schedule No 6/9C/235 Variation No 1 dated 25/3/91  
Figures 1 and 2 dated 12/11/90  
Figure 3 dated 25/3/91



## National Standards Commission

### TECHNICAL SCHEDULE No 6/9C/235

**Pattern:** Weightronix Model DS4848-05 Weighing Instrument.

**Submitter:** Salter Weightronix Pty Ltd  
1 Apollo Court  
Blackburn VIC 3130.

#### 1. Description of Pattern

A Weightronix model DS4848-05 self-indicating weighing instrument of 2 500 kg maximum capacity and approved for use with up to 2 500 verification scale intervals.

##### 1.1 Basework

The model DS basework has load cells which fully support the load receptor (Figure 1). The basework is positioned above ground, with or without loading ramps, or let into a pit in which case the platform is level with the ground. If the instrument is not in a pit or permanently fixed in place, it shall be fitted with a level indicator, adjacent to which is the notice INSTRUMENT MUST BE LEVEL WHEN IN USE.

The load receptor has a nominal size of 1 220 mm x 1 220 mm.

##### 1.2 Load Cells

Four Weightronix model WPB 1.25k load cells of 625 kg capacity are used as described in the documentation of NSC approval No S265 and mounted as shown in Figure 2.

##### 1.3 Indicator

A Salter Electroscale model CWM digital indicator is used as described in the documentation of NSC approval No S200.

##### 1.4 Verification Provision

Provision is made for a verification mark to be applied.

## 1.5 Markings

Instruments are marked with the following data, together in one location:

Manufacturer's name or mark

Serial number

NSC approval numbers - instrument  
- load cells  
- indicator

NSC No 6/9C/235

NSC No S.....

NSC No S.....

Accuracy class

Ⓚ

Maximum capacity

Max..... kg \*

Minimum capacity

Min..... kg \*

Verification scale interval

e = d =..... kg \*

Maximum subtractive tare

T = -..... kg

\* These are repeated adjacent to each reading face.

## 2. Description of Variant 1

In other capacities and with up to 4 000 verification scale intervals.

## 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.

### Maximum Permissible Errors at Verification/Certification

The maximum permissible errors for increasing and decreasing loads, expressed in terms of verification scale interval (e), with the instrument adjusted to zero within  $\pm 0.25e$  at no load, are:

$\pm 0.5e$  for loads from 0 to  $500e$ ;

$\pm 1.0e$  for loads over  $500e$  up to  $2\,000e$ ; and

$\pm 1.5e$  for loads over  $2\,000e$ .



# National Standards Commission

6/9C/235  
25/3/91

## TECHNICAL SCHEDULE No 6/9C/235

### VARIATION No 1

**Pattern:** Weightronix Model DS4848-05 Weighing Instrument.

**Submitter:** Salter Weightronix Pty Ltd  
1 Apollo Court  
Blackburn VIC 3130.

#### 1. Description of Variant 2

A Weightronix model DS4848-05 self-indicating weighing instrument with an alternative basework.

This basework is similar to that of the pattern but without the mounting subframe (Figure 3).

The load receptor has a nominal size of 1 200 mm x 1 200 mm.

# National Standards Commission



## Notification of Change Certificate of Approval No 6/9C/235 Change No 1

The following changes are made to the approval documentation for the

Weightronix Model DS4848-05 Weighing Instrument

submitted by        Salter Weightronix Pty Ltd  
                              now of  
                              20 Terracotta Drive  
                              Blackburn   VIC   3130.

In Certificate of Approval No 6/9C/235 dated 25 March 1991;

1. The Condition of Approval referring to the review of the approval should be amended to read:

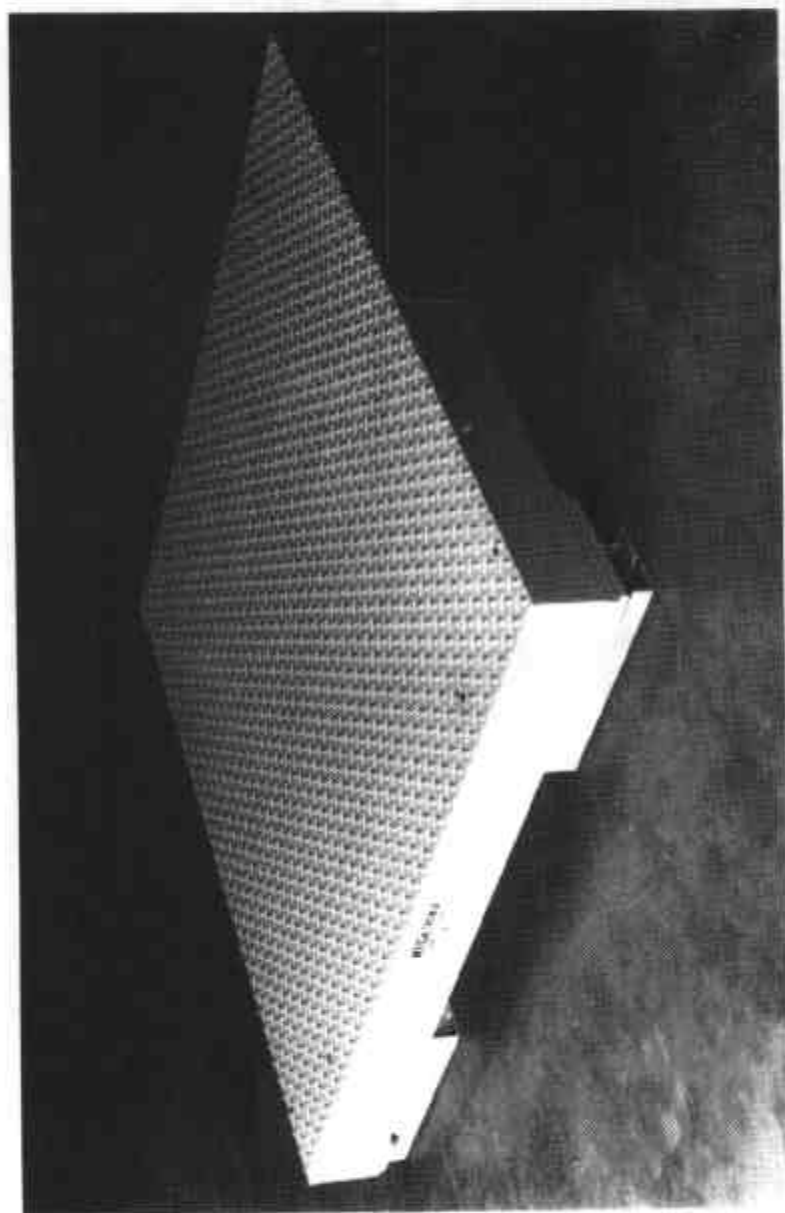
This approval becomes subject to review on 1 October 1995, and then every 5 years thereafter.

2. The Condition of Approval referring to the expiry of the approval should be deleted.

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.



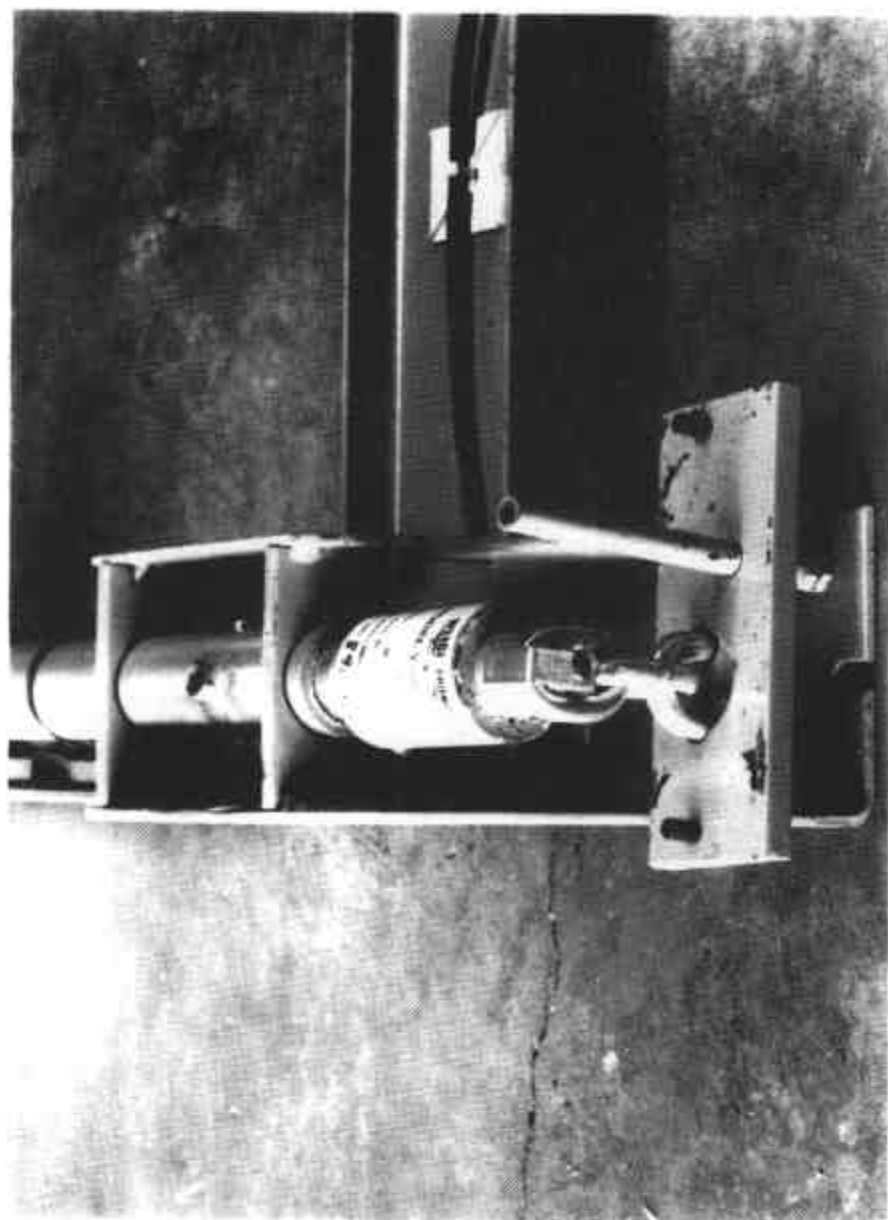
FIGURE 6/9C/235 - 1



Weightronix Model DS4848-05

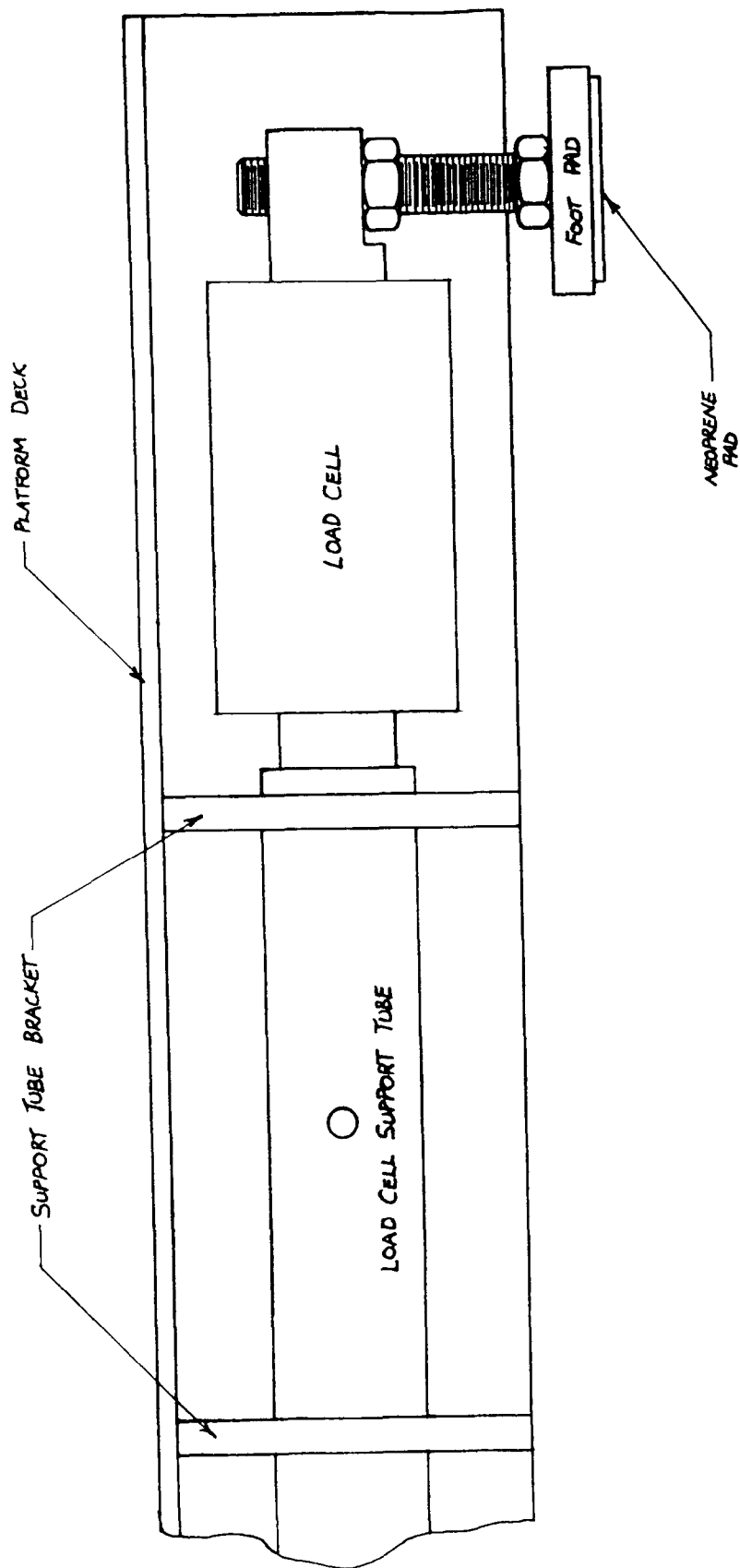
6/9C/235  
12/11/90

FIGURE 6/9C/235 - 2



( Showing Load Cell Mounting )

FIGURE 6/9C/235 - 3



6/9C/235  
25/3/91

Alternative Basework - Load Cell Mounting