

# National Standards Commission



## Certificate of Approval

**No 6/4C/35A**

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

TEC Model SL 47-15 Weighing Instrument

submitted by TEC Australia Pty Ltd  
Unit B, 6-8 Byfield Street  
North Ryde NSW 2113.

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'.

### CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/4/94.

This approval expires in respect of new instruments on 1/4/95.

Instruments purporting to comply with this approval shall be marked NSC No 6/4C/35A 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 Certificates Nos S1/0 and/or S2/0, as appropriate.

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

### DESCRIPTIVE ADVICE

**Pattern:** approved 15/3/89

- A TEC model SL 47-15 weighing instrument of 15 kg capacity with a verification scale interval of 0.005 kg.

**Variants:** approved 15/3/89

1. In alternative housings and known as a model SL 44-15.
2. Of 9.995 kg capacity with a verification scale interval of 0.005 kg.

Technical Schedule No 6/4C/35A describes the pattern and variants 1 and 2.

**Variant:** approved 13/2/91

3. With a TEC model LC-B-28-15 load cell.

Technical Schedule No 6/4C/35A Variation No 1 describes variant 3.

**FILING ADVICE**

Certificate of Approval No 6/4C/35A dated 19/5/89 is superseded by this Certificate and may be destroyed. The documentation for this approval now comprises:

Certificate of Approval No 6/4C/35A dated 26/4/91  
Technical Schedule No 6/4C/35A dated 19/5/89 (incl. Test Procedure)  
Technical Schedule No 6/4C/35A Variation No 1 dated 26/4/91  
Figures 1 and 2 dated 19/5/89



TECHNICAL SCHEDULE No 6/4C/35A

Pattern: TEC Model SL 47-15 Weighing Instrument.

Submittor: TEC Australia Pty Ltd  
Unit B, 6-8 Byfield Street  
North Ryde NSW 2113.

1. Description of Pattern

A model SL 47-15 self-indicating weighing instrument of 15 kg capacity with a verification scale interval of 0.005 kg. The instrument may be fitted with an output socket for the connection of an auxiliary or a peripheral device, and may have integral or remote displays (Figures 1 and 2).

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 the POWER button is pressed.

1.3 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.

1.4 Markings

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

Manufacturer's name or mark	
Serial number	
NSC approval number	NSC No 6/4C/35A
Accuracy class	(III)
Maximum capacity	Max ..... kg *
Minimum capacity	Min ..... kg *
Verification scale interval	e = d = ..... kg *

\* Repeated adjacent to each reading face.

1.5 Verification Provision

Provision is made for a verification mark to be applied.

2. Description of Variants

2.1 Variant 1

In alternative housings and known as a model SL 44-15.

2.2 Variant 2

Of 9.995 kg 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 shall not exceed the maximum permissible errors specified in Document 118, 2nd Edition, October 1986.



# National Standards Commission

TECHNICAL SCHEDULE No 6/4C/35A

VARIATION No 1

**Pattern:** TEC Model SL 47-15 Weighing Instrument.

**Submittor:** TEC Australia Pty Ltd  
Unit B, 6-8 Byfield Street  
North Ryde NSW 2113.

## 1. Description of Variant 3

With a TEC model LC-B-28-15 load cell replacing the load cell of the pattern.

Instruments are then known as model SL 47N-15-1.

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## NOTIFICATION OF CHANGE

CERTIFICATE OF APPROVAL No 6/4C/35A

CHANGE No 1

The following change is made to the approval documentation for the

TEC Model SL47-15 Weighing Instrument

submitted by TEC Australia Pty Ltd  
6-8 Byfield Street  
North Ryde NSW 2113.

In Certificate of Approval No 6/4C/35A dated 26 April 1991, the Condition of Approval referring to the expiry of the approval should be amended to now read:

"This approval expires in respect of new instruments on 1 October 1995."

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.

A handwritten signature in black ink, appearing to read 'J. Bish'.

6/4C/35A  
19/5/89

FIGURE 6/4C/35A - 1

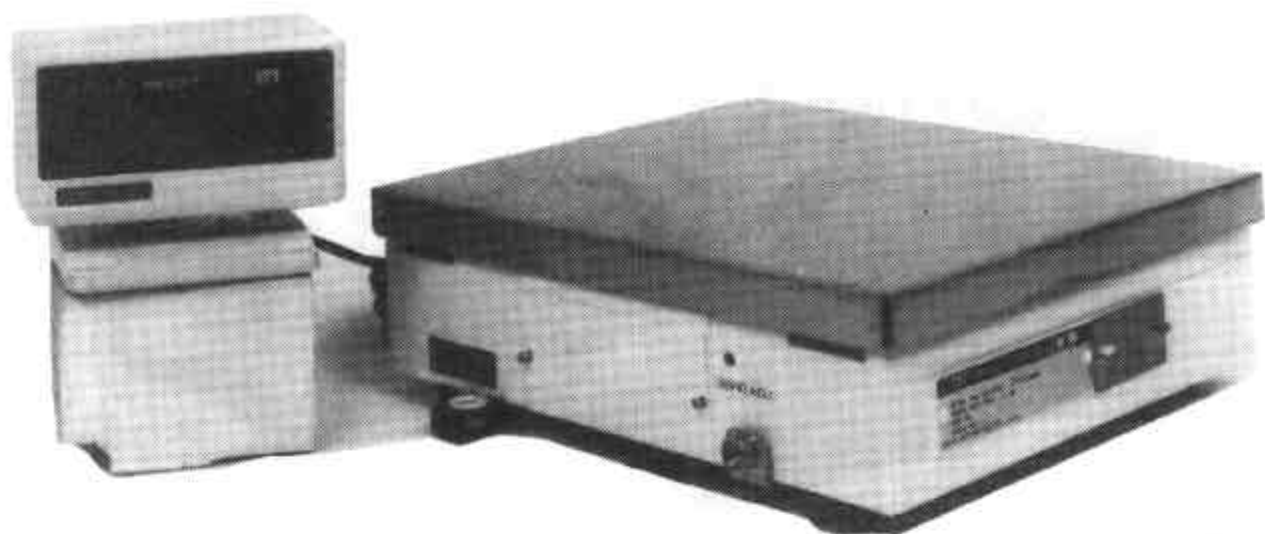


TEC Model SL47 with Integral Displays



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FIGURE 6/4C/35A - 2



Model SL47 with Remote Displays