



Australian Government
**National Measurement
Institute**

Bradfield Road, West Lindfield NSW 2070

Cancellation
Certificate of Approval No 6/4C/35B

Issued by the Chief Metrologist under Regulation 60
of the
National Measurement Regulations 1999

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

TEC Model SL47-15-N-1 Weighing Instrument

submitted by TEC Australia Pty Ltd
 (now Toshiba TEC Australia Pty Ltd)
 now of Unit 1, 9-11 South Street
 RYDALMERE NSW 2116

has been cancelled in respect of new instruments as from 1 December 2007.

Signed by a person authorised by the Chief Metrologist
to exercise his powers under Regulation 60 of the
National Measurement Regulations 1999.

A handwritten signature in black ink, appearing to be 'J. H. T.', written in a cursive style.

National Standards Commission



Certificate of Approval

No 6/4C/35B

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

TEC Model SL47-15-N-1 Weighing Instrument

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

NOTE: This Certificate relates to the suitability of the pattern of the instrument for use for trade only in respect of its metrological characteristics. This Certificate does not constitute or imply any guarantee of compliance by the manufacturer or any other person with any requirements regarding safety.

This Certificate is issued upon completion of a review of NSC approval No6/4C/35A.

CONDITIONS OF APPROVAL

This approval becomes subject to review on 1 November 2001, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No6/4C/35B and only by persons authorised by the submittor.

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

It is the submittor'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.

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

DESCRIPTIVE ADVICE

Pattern: approved 22 October 1996

- A TEC model SL47-15-N-1 self-indicating weighing instrument of 15 kg maximum capacity.

Technical Schedule No 6/4C/35B describes the pattern.

FILING ADVICE

The documentation for this approval comprises:

- Certificate of Approval No 6/4C/35B dated 30 December 1996
- Technical Schedule No 6/4C/35B dated 30 December 1996 (incl. Test Procedure)
- Figure 1 dated 30 December 1996

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.

National Standards Commission

TECHNICAL SCHEDULE No 6/4C/35B

Pattern: TEC Model SL47-15-N-1 Weighing Instrument.

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

1. Description of Pattern

A TEC model SL47-15-N-1 self-indicating weighing instrument (Figure 1) of 15 kg maximum capacity with a verification scale interval of 0.005 kg.

Instruments may be fitted with output sockets for the connection of peripheral and/or auxiliary devices.

Instruments are fitted with a remote indicator with a single-sided display. Instruments shall be marked NOT FOR TRADING DIRECT WITH THE PUBLIC (or similar wording) unless the display is installed such that all primary indications are clearly and simultaneously displayed to both the vendor and the purchaser.

1.1 Zero

Zero is automatically corrected to within $\pm 0.25e$ whenever power is applied and whenever the instrument comes to rest within $0.5e$ of zero. If the instrument comes to rest outside that range but within the zero setting range, zero may be set by pressing the zero button.

The initial zero-setting device has a nominal range of not more than 20% of the maximum capacity of the instrument.

1.2 Display Check

A display check is initiated whenever power is applied.

1.3 Levelling

Instruments are provided with adjustable feet and a level indicator.

1.4 Verification/Certification Provision

Provision is made for the application of a verification/certification mark.

1.5 Sealing Provision

Provision is made for the calibration adjustments to be sealed by means of a destructible label over the calibration adjustment access cover.

1.6 Markings

An instrument shall carry the following markings, in the form shown at right:

Manufacturer's mark, or name written in full	
Indication of accuracy class	Ⓜ
Maximum capacity	Max kg *
Minimum capacity	Min kg *
Verification scale interval	e = kg *
Serial number of the instrument	
Pattern approval mark for the instrument	NSC No 6/4C/35B

- * These markings shall also be shown near the display of the result if they are not already located there.

In addition, instruments **NOT** for trading direct with the public shall be so marked (refer clause 1. **Description of Pattern**).

TEST PROCEDURE

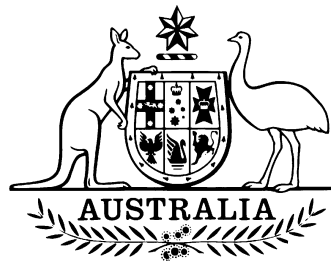
Instruments should be tested in conjunction with any tests specified in the approval documentation for the indicator used, and in accordance with any relevant tests specified in the Inspector's Handbook.

Maximum Permissible Errors at Verification/Certification

The maximum permissible errors for increasing and decreasing loads on initial verification/certification for loads, m , expressed in verification scale intervals, e , are:

- $\pm 0.5 e$ for loads $0 \leq m \leq 500$;
- $\pm 1.0 e$ for loads $500 < m \leq 2\,000$; and
- $\pm 1.5 e$ or loads $2\,000 < m \leq 10\,000$.

6/4C/35B
19 February 2003



National Standards Commission

12 Lyonpark Road, North Ryde NSW

Notification of Change

Certificate of Approval No 6/4C/35B

Change No 1

The following change is made to the approval documentation for the

TEC Model SL47-15-N-1 Weighing Instrument

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

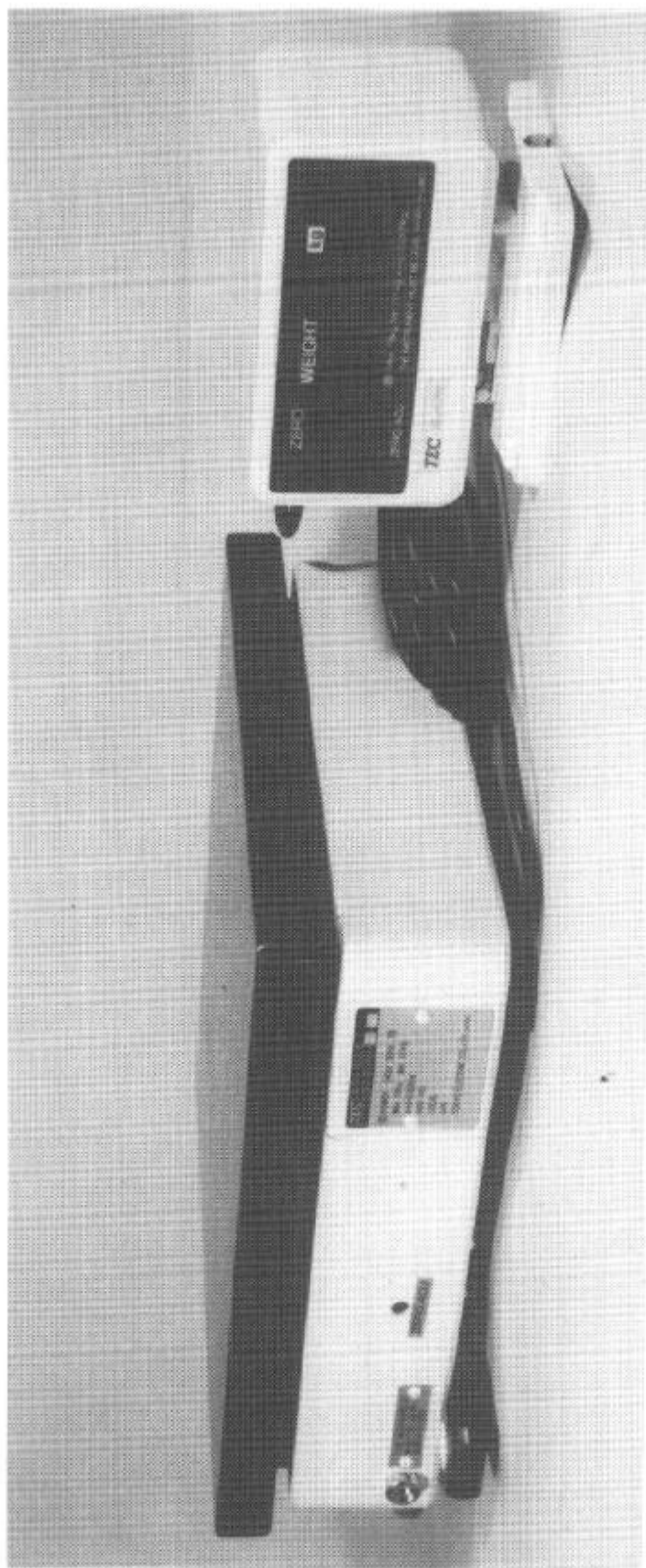
In Certificate of Approval No 6/4C/35B dated 30 December 1996, the Condition of Approval referring to the review of the approval should be amended to read:

“This approval becomes subject to review on 1 November 2006, and then every 5 years thereafter.”

Signed by a person authorised under Regulation 60 of the National Measurement Regulations 1999 to exercise the powers and functions of the Commission under this Regulation.



FIGURE 6/4C/35B - 1



TEC Model SL47-15-N-1 Weighing Instrument