

National Standards Commission



Certificate of Approval

No 6/4D/252

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 SL66-15 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'. The signature is written in a cursive style.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/8/93.

This approval expires in respect of new instruments on 1/8/94.

Instruments purporting to comply with this approval shall be marked NSC No 6/4D/252 and only by persons authorised by the submittor.

It is the submittor'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 29/7/88

- . A TEC model SL66-15 dual-interval self-indicating price-computing label or ticket printing weighing instrument of 15 kg maximum capacity.

Variants: approved 29/7/88

1. A model SL66-06 dual-interval self-indicating price-computing label or ticket printing weighing instrument of 6 kg maximum capacity.
2. With a stored tare facility.

Technical Schedule No 6/4D/252 describes the pattern and variants 1 and 2.

Variant: approved 8/6/89

3. A number of SL66 instruments connected in a network.

Technical Schedule No 6/4D/252 Variation No 1 describes variant 3.

Variant: approved 11/4/91

4. With amended managerial functions and known as the model SL5900.

Technical Schedule No 6/4D/252 Variation No 2 describes variant 4.

FILING ADVICE

Certificate of Approval No 6/4D/252 dated 7/9/89 is superseded by this Certificate and may be destroyed. The documentation for this approval now comprises:

Certificate of Approval No 6/4D/252 dated 2/7/91
Technical Schedule No 6/4D/252 dated 2/9/88 (incl. Test Procedure)
Technical Schedule No 6/4D/252 Variation No 1 dated 7/9/89
Technical Schedule No 6/4D/252 Variation No 2 dated 2/7/91
Figure 1 dated 2/9/88



NATIONAL STANDARDS COMMISSION

6/4D/252
2/9/88

TECHNICAL SCHEDULE No 6/4D/252

Pattern: TEC Model SL66-15 Weighing Instrument.

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

1. Description of Pattern

A dual-interval self-indicating price-computing label or ticket printing weighing instrument (Figure 1) with a verification scale interval of 0.002 kg up to 6 kg and with a verification scale interval of 0.005 kg from 6 kg up to the maximum capacity of 15 kg. Instruments have unit price to \$999.99/kg, price to \$9999.99, a price-look-up (PLU) facility, and may be fitted with output sockets for the connection of peripheral and/or auxiliary devices.

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 within $0.25e$.

1.2 Display Check

A display check is initiated whenever power is applied.

1.3 Tare

A semi-automatic subtractive taring device of up to 5.99 kg capacity may be fitted.

1.4 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.

1.5 Markings

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

Manufacturer's name or mark	
Serial number	
NSC approval number	NSC No 6/4D/252
Accuracy class	(III)
Low range	
Maximum capacity	Max kg *
Verification scale interval	e = d = kg *
High range	
Maximum capacity	Max kg *
Verification scale interval	e = d = kg *
Minimum capacity	Min kg *
Maximum subtractive tare	T = - kg

* Repeated adjacent to each reading face.

1.6 Verification Provision

Provision is made for a verification mark to be applied.

2. Description of Variants

2.1 Variant 1

With a verification scale interval of 0.001 kg up to 3 kg and with a verification scale interval of 0.002 kg from 3 kg up to the maximum capacity of 6 kg, and known as a model SL66-06.

A semi-automatic subtractive taring device of up to 2.998 kg capacity may be fitted.

2.2 Variant 2

With a stored tare facility, which may be either semi-automatic or non-automatic keyboard-entered. Instruments may also be fitted with a semi-automatic subtractive taring device.

In addition to the markings specified for the pattern, instruments shall be marked NOT TO BE USED FOR TRADING DIRECT WITH THE PUBLIC, or similar wording.

TEST PROCEDURE No 6/4D/252

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

6/4D/252
7/9/89

TECHNICAL SCHEDULE No 6/4D/252

VARIATION No 1

Pattern: TEC Model SL66-15 Weighing Instrument.

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

1. Description of Variant 3

A number of SL66 Instruments may be connected in a network to utilise common price-look-up (PLU) data, to allow communication of other management information, and to allow data on individual transactions to be communicated between instruments so that it is available to be printed when a total is required. This network may be connected to a computer for the downloading of PLU data and for the communication of other management information.

Instruments may have additional functions, viz:

- (a) A facility for transaction data to be entered into a number of operator memories, with a totalised ticket being produced at the end of a number of transactions; and
- (b) Cash register functions.

Note to Inspectors: (for all networks)

The weighing and price-computing functions of each weighing instrument in the network are independent, and the removal, repair or replacement of a particular weighing instrument does not necessitate the reverification of any other instrument in the network.



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TECHNICAL SCHEDULE No 6/4D/252

VARIATION No 2

Pattern: TEC Model SL66-15 Weighing Instrument.

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

1. Description of Variant 4

The model SL5900 self-indicating weighing instrument which is similar to the pattern but with amended managerial functions, with a reduced number of price-look-up (PLU) entries and without the alpha (commodity) display for the purchaser.

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NOTIFICATION OF CHANGE

CERTIFICATE OF APPROVAL No 6/4D/252

CHANGE No 1

The following change is made to the approval documentation for the

TEC Model SL66-15 Weighing Instrument

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

In Certificate of Approval No 6/4D/252 dated 2 July 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 February 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. Birch'. The signature is written in a cursive style with a large initial 'J'.

National Standards Commission



NOTIFICATION OF CHANGE

CERTIFICATE OF APPROVAL No 6/4D/252

CHANGE No 2

The following change is made to the approval documentation for the

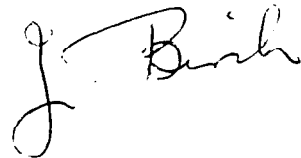
TEC Model SL66-15 Weighing Instrument

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

In Certificate of Approval No 6/4D/252 dated 2 July 1991, the Condition of Approval referring to the expiry of the approval, previously amended by Notification of Change No 1, should be amended to now read:

"This approval expires in respect of new instruments on 1 August 1996."

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



NOTIFICATION OF CHANGE

CERTIFICATE OF APPROVAL No 6/4D/252

CHANGE No 3

The following change is made to the approval documentation for the

TEC Model SL66-15 Weighing Instrument

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

In Certificate of Approval No 6/4D/252 dated 2 July 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 January 1997."

NOTE: This was previously amended by Notification of Change No 2 dated 13 March 1996.

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 be 'J. Taylor' or similar, written in a cursive style.

FIGURE 6/40/252 - 1



TEC Model SL66