



NATIONAL STANDARDS COMMISSION

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

CERTIFICATE OF APPROVAL No 6/4D/232

This is to certify that an approval has been granted that the pattern of the

TEC Model SL59-15 Weighing Instrument

submitted by Swift - MIP Engineering
149-155 Milton Street
ASHFIELD NSW 2131

is suitable for use for trade.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/2/90.

Instruments purporting to comply with this approval shall be marked NSC No 6/4D/232.

This approval may be withdrawn if instruments are constructed and used other than in accordance with the drawings and specifications lodged with the Commission.

Signed

Executive Director

Descriptive Advice

Pattern: approved 30/10/84

- A dual range self-indicating price-computing weighing instrument of 15 kg capacity with 0.005 kg scale intervals (high range) and 6 kg capacity with 0.002 kg scale intervals (low range). It has an inbuilt label printer and price-look-up (PLU) facility.

Technical Schedule No 6/4D/232 describes the pattern.

Filing Advice

The documentation for this approval comprises:

Certificate of Approval No 6/4D/232 dated 18/2/85
Technical Schedule No 6/4D/232 dated 18/2/85
Test Procedure No 6/4D/232 dated 18/2/85
Figures 1 and 2 dated 18/2/85

TEST PROCEDURE No 6/4D/232

All load applications to the instrument should be in accordance with the Commission's recommended testing procedure for the elimination of rounding error as set out in Document 104.

The maximum permissible errors are:

- ± 0.5e for loads between 0 and 500e;
- ± 1.0e for loads between 501e and 2000e; and
- ± 1.5e for loads above 2000e.

1. Zero Test (for this test use e for low range)

As the automatic device resets zero when the weighing mechanism is in equilibrium within 0.5e of zero, zero should be checked as described in Document 104, with a load equal to, say, 10e on the load receptor. The indications with 0.25e and 0.75e additional mass on the load receptor will be 10e and 11e respectively.

2. Zero Range

The maximum range of operation of the zero setting device should not exceed 4% of the maximum capacity (± 2% approximately). With zero balance indicated apply a load of, say, 2.5% of maximum capacity to the instrument and press the zero button; the instrument should not rezero.

3. Load Test

Two load tests should be performed, one for each range.

Test loads are to be applied to the instrument in not less than 5 approximately equal steps increasing to maximum capacity, followed by decreasing loads in not less than 5 approximately equal steps to zero load.

4. Range of Indication (for this test use e for high range)

- (a) The maximum mass indicated should not exceed the marked maximum capacity by more than 10e; above this indicated mass the indication should be blank or show non-numerical characters.
- (b) The minimum mass indicated should be zero; below this the indication should be blank or show non-numerical characters.

5. Taring (for this test use e for low range).

The tare function should be able to reset the mass indicator to zero within 0.25e at any load within its capacity. This may be checked as described for Zero Test. A tare should not be able to be acquired above the marked tare capacity.



NATIONAL STANDARDS COMMISSION

NOTIFICATION OF CHANGE

CERTIFICATE OF APPROVAL No 6/40/232

CHANGE No 1

The following change is made to the approval documentation for the

TEC Model SL59-15 Weighing Instrument

submitted by Swift - MIP Engineering
149-155 Milton Street
Ashfield NSW 2131

In Technical Schedule No 6/40/232 dated 18/2/85, the description given in paragraph 1.2 Display Check should be replaced by the following:

"With the keyswitch in normal operating mode (marked REG) with or without the key in place, applying power initiates a display check (0 to 9 on all displays). If the mains power is already on, switching from OFF to REG with the key initiates a display check of all 8's, then blank.

After either type of display check, the instrument must then be set to zero by pressing the zero button."

Signed

Executive Director

FIGURE 6/40/232 - 1



TEC SL59-15 Weighing Instrument.

FIGURE 6/4D/232 - 2

DATE PACKED

USE BY

NET WT kg	\$/kg	TOTAL PRICE \$
PACKED ON THE TEC SL-59		

LAMB CUTLETS



DATE PACKED
22.01.85
USE BY
29.01.85

0.618 2.99 1.85

NET WT kg	\$/kg	TOTAL PRICE \$
PACKED ON THE TEC SL-59		