NATIONAL STANDARDS COMMISSION

WEIGHTS AND MEASURES (PATTERNS OF INTRUMENTS) REGULATIONS

REGULATION 9

CERTIFICATE OF APPROVAL No 6/4D/223

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

Kubota Model LA-255 Price-computing Weighing Instrument

submitted by Ads-Anker Data Systems Pty Ltd
212 Elizabeth Street
SYDNEY NSW 2010

is suitable for use for trade.

The approval is subject to review on or after 1/10/88.

Instruments purporting to comply with this approval shall be marked NSC No 6/4D/223.

The approval may be withdrawn if instruments are used other than as described in the drawings and specifications lodged with the Commission.

Signed

Executive Director

Descriptive Advice

Pattern: approved 19/9/83

- Kubota model LA-255 price-computing weighing instrument of 15 kg capacity by 0.005 kg scale intervals.

Technical Schedule No 6/4D/223 dated 7/10/83 describes the pattern.

Filing Advice

The documentation for this approval comprises:

Certificate of Approval No 6/4D/223 dated 7/10/83
Technical Schedule No 6/4D/223 dated 7/10/83
Test Procedure No 6/4D/223 dated 7/10/83
Figure 1 dated 7/10/83.

7/10/83

NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/4D/223

Pattern: Kubota Model LA-255 Price-computing Weighing Instrument

Submittor: Ads Anker Data Systems Pty Ltd
212 Elizabeth Street
SYDNEY NSW 2010

1. Description of Pattern

The pattern is a self-indicating price-computing weighing instrument (Figure 1) of 15 kg maximum capacity by 0.005 kg scale intervals with unit price to $99.99/kg and price to $999.90 in 1c increments.

The instrument may be fitted with an output socket for the connection of auxiliary or peripheral equipment.

1.1 Zero

Zero is automatically corrected to within 0.25e, indicated by the zero light illuminating, 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.

1.2 Display Check

When power is applied to the instrument all indicators display all 8's then the instrument will automatically zero.

1.3 Levelling

Four adjustable feet are provided and a notice adjacent to the level indicator aperture advises that the instrument must be level when in use. A similar notice is provided on the front of the instrument.

1.4 Marking

The instrument is marked with the following data, together in one location:

Manufacturer's name or mark	
Serial number	
NSC approval number	NSC No 6/4D/223
Accuracy class	(III)
Maximum capacity	Max .....*
Minimum capacity	Min .....*
Verification scale interval	e = d = ...*

1.5 Verification Provision

Provision is made for a verification mark to be applied.

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* These markings are repeated in the vicinity of each reading face if not already there.

TEST PROCEDURE No 6/4D/223

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 Range

The maximum range 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; it should not be possible to obtain zero by means of the zero adjustment.

2. Zero Test

(a) Check by means of Document 104 that when the zero light illuminates, zero is set within 0.25e.

(b) 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 then be 10e and 11e respectively.

3. Range of Indication

(a) The maximum mass indicated should not exceed the maximum capacity (Max) by more than 10 scale intervals; above this indicated mass the indication should be blank.

(b) The minimum mass indicated should be zero; below this the indication should be blank.

4. Load Test

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

NATIONAL STANDARDS COMMISSION

NOTIFICATION OF CHANGE

CERTIFICATE OF APPROVAL No 6/4D/223

CHANGE No 1

The following changes are made to the approval documentation for the

Kubota Model LA-255 Price-computing Weighing Instrument

submitted by Ads-Anker Data Systems Pty Ltd
212 Elizabeth Street
Sydney NSW 2010

1. To Technical Schedule No 6/4D/223 dated 7/10/83, add the following:

1.6 Tare

A semi-automatic taring device may be fitted allowing a mass of up to maximum capacity to be tared to within 0.25e as indicated by the zero light illuminating.

The TARE light illuminates whenever tare is operating.

2. To Test Procedure No 6/4D/223 dated 7/10/83, add the following:

5. Tare Test

The tare function should reset the mass indicator to zero within 0.25e at any load within its tare capacity. This may be checked as described for Zero Test - 2(a).

Attempt to tare a mass above the marked tare capacity - this should not be possible.

Check that neither the automatic zero tracking nor the zero setting button operates while the taring device is in use.

Signed

Acting Executive Director

FIGURE 6/40/223 - 1

Kubota Model LA-255