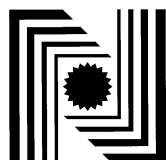


6/4D/250A
22 March 2002



National Standards Commission

12 Lyonpark Road, North Ryde NSW

Cancellation

Certificate of Approval

No 6/4D/250A

Issued 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

Ishida Model Nova 150 Weighing Instrument

submitted by PCC Systems
407 Creek Road
Mt Gravatt QLD 4122

has been cancelled in respect of new instruments as from 1 April 2002.

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.



National Standards Commission



Certificate of Approval

No 6/4D/250A

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

Ishida Model Nova 150 Weighing Instrument

submitted by *PCC Systems*
 407 Creek Road
 Mt Gravatt QLD 4122.

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 No 6/4D/250.

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 No 6/4D/250A and only by persons authorised by the submittor.

..../2

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.

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

DESCRIPTIVE ADVICE

Pattern: *approved 31 October 1996*

- *An Ishida model Nova 150 weighing instrument of 15 kg maximum capacity.*

Variant: *approved 31 October 1996*

1. *Model Nova 60 of 6 kg maximum capacity.*

Technical Schedule No 6/4D/250A describes the pattern and variant 1.

FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 6/4D/250A dated 12 February 1997

Technical Schedule No 6/4D/250A dated 12 February 1997 (incl. Test Procedure)

Figure 1 dated 12 February 1997

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 6/4D/250A

Pattern: *Ishida Model Nova 150 Weighing Instrument.*

Submittor: *PCC Systems
407 Creek Road
Mt Gravatt QLD 4122.*

1. Description of Pattern

An Ishida model Nova 150 price-computing weighing instrument (Figure 1) of 15kg maximum capacity with a verification scale interval of 0.005 kg.

Instruments have unit price to \$999.99/kg and price to \$999.99.

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.

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

1.2 Tare

A semi-automatic subtractive taring device of up to the maximum capacity of the instrument may be fitted.

1.3 Display Check

A display check is initiated whenever the SC button is pressed.

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 being placed over the access hole located under the load receptor.

1.6 Levelling

Instruments are provided with adjustable feet and a level indicator.

1.7 Markings

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

<i>Manufacturer's mark, or name written in full</i>	
<i>Indication of accuracy class</i>	Ⓜ
<i>Maximum capacity</i>	Max kg *
<i>Minimum capacity</i>	Min kg *
<i>Verification scale interval</i>	e = kg *
<i>Serial number of the instrument</i>	
<i>Pattern approval mark for the instrument</i>	NSC No 6/4D/250A

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

2. Description of Variant 1

Model Nova 60 of 6 kg maximum capacity with a verification scale interval of 0.002 kg.

Instruments have unit price to \$999.99/kg and price to \$599.95.

TEST PROCEDURE

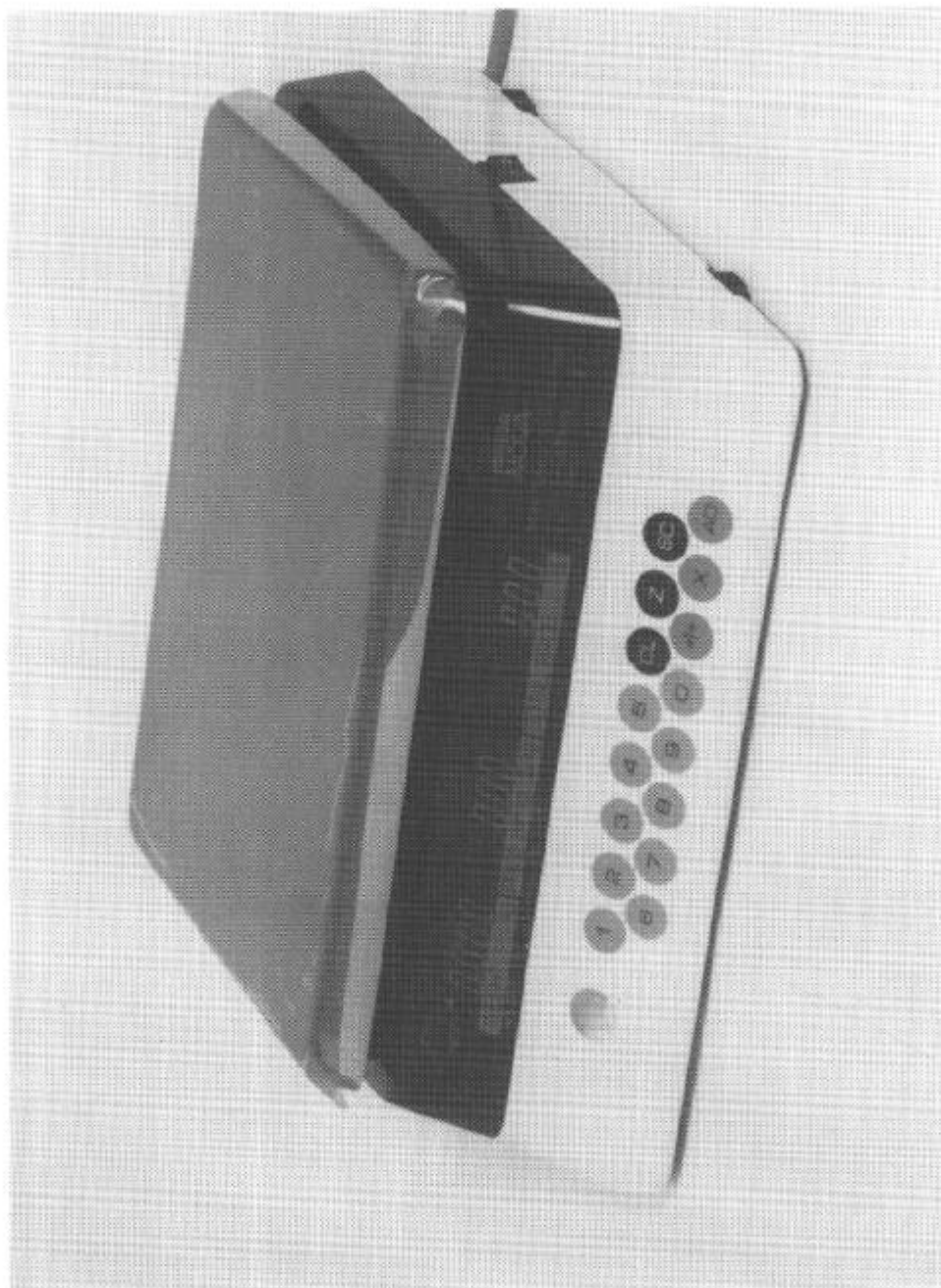
Instruments should be tested in accordance with any relevant tests specified in the Inspector's Handbook.

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
- $\pm 1.5 e$ for loads $2\,000 < m \leq 10\,000$.

FIGURE 6/4D/250A - 1



Ishida Model Nova 150 Weighing Instrument