Australian Government

National Measurement Institute

OIML Member State
Australia

OIML Certificate Nº
R76/1992-AU1-05.01

NMI File Nº: R2005/025

OIML CERTIFICATE OF CONFORMITY

Issuing authority

Name: **National Measurement Institute**
Address: **12 Lyonpark Rd, North Ryde NSW 2113**
Telephone: +61 2 9856 0300 Fax: +61 2 9856 0399

Person responsible: **Mr Chris Davies, Head of Weighing and EMS**

Applicant

Name: **Ishida Co., Ltd.**
Address: **44, Sanno-Cho, Shogoin, Sakyo-Ku, Kyoto 606-8392, Japan**

Manufacturer of the certified type is the Applicant.

Identification of the certified type:

Ishida model AC-4000D non-automatic weighing instrument.
Further characteristics see page 2

This certificate attests the conformity of the above identified type (represented by the sample or samples identified in the associated Test Report(s)) with the requirements of the following Recommendation of the International Organisation of Legal Metrology (OIML):

OIML Recommendation:	**R76-1**	and	**R76-2**
Edition:	**1992 (E), Amendment 1 1994(E)**		**1992 (E), Amendment 1 1994(E)**
Accuracy class:	III		

This certificate relates only to the metrological and technical characteristics of the type of instrument covered by the relevant OIML International Recommendation identified above.

This certificate does not bestow any form of legal international approval.

The conformity was established by the results of tests and examinations provided in the associated test report(s): **See table on page 2.**

The issuing authority

National Measurement Institute

Date: **15 July 2005**

The CIML member

Dr G Harvey

Date: **15 July 2005**

Characteristics:

The instrument is an self-indicating, price-computing, multi-interval electronic non-automatic weighing instrument.

The instrument is intended for pre-packaging use and is not intended for trading direct wiith the public, it is provided with a notice indicating this. An integral label printer is provided.

The instrument has capabilities for tare and preset-tare (including pre-set tare values associated with product look-up tables). It also has initial and semi-automatic zero setting devices and a zero-tracking device.

The instrument is made up of three separate modules - the basework/platform, the printer unit (which contains the main board of the instrument, including the A/D board), and the display/keyboard.

The instrument is able to be provided with RS-232 and Ethernet interfacing capabilities - only the Ethernet option was installed on the sample instrument.

The instrument was powered by mains power supply (220 - 240 V AC).

The load receptor has nominal dimensions of 400 mm x 254 mm. The sample instrument was provided with a level bubble located beneath the platter - this was considered unacceptable to NMI and a window in the platter was required so that the bubble could be seen without removing the load receptor - other jurisdictions may have differing interpretations regarding the acceptability of this aspect.

Table 1 - Characteristics of the instrument

Model number		AC-4000D
Accuracy Class		(III)
Maximum capacity	Max =	6 kg / 15 kg
Verification scale interval	e =	0.002 kg / 0.005 kg
Maximum tare capacity	T =	–5.998 kg
Minimum capacity	Min =	0.04 kg
Temperature range		– 5 °C / 40 °C

Associated Test Report Details:

Table 2 - Associated test reports

Test Report No	R2005/025 [1]
Pages in Test Report	75
Maximum capacity	6 kg / 15 kg
Classification	(III)
Testing authority	NMI

NMI - National Measurement Institute, Australia

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the certificate is issued, partial quotation of the Certificate and of the associated Test Report(s) is not permitted, although they may be reproduced in full.