

OIML Member State:
New Zealand

OIML Certificate No:
R76/1992-NZ1-07-01



OIML CERTIFICATE OF CONFORMITY

Issuing Authority

Name: Ministry of Consumer Affairs
Address: 33 Bowen Street, PO Box 1473,
Wellington 6140, New Zealand
Telephone: +64 4 472 2750 Fax: +64 4 473 9400

Person responsible: Mr Charanjit Singh, Approvals Officer

Applicant


Name: A & D Mercury Ltd.
Address: 32 Dew Street, Thebarton, South Australia, Australia

Manufacturer of the certified type is the Applicant.

Identification of the certified type:

A & D Mercury Model FS-30Ki - 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: **medium accuracy** 

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



C Singh
Ministry of Consumer Affairs
Date: 2 March 2007

The OIML member



Mr Tony Lee
Ministry of Consumer Affairs
Date: 2 March 2007



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Characteristics:

The A & D Mercury Model FS-30Ki is a Non Automatic Weighing Instrument of 30 kg maximum capacity. The instrument has the additional functionality of displaying 'LO/OK/HI' limits on the indicator for check weighing but is not included in this approval. The instrument has a stainless steel weigh platform and a pole mounted backlit LCD display.

The instrument may also work on a 6V sealed lead acid battery. The instrument also has serial interface connectivity for providing connections to peripheral devices. The peripheral devices are not covered under this approval.

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

The instrument has capabilities for tare and preset-tare (including pre-set tare values associated with product look-up tables).

The instrument has various capacities as listed in TABLE 1.

TABLE 1

Model	Max. Capacity	Min. Capacity	Verification Scale Interval (e)	Platform Size	Load Cell
FS-6Ki	6 kg	0.040 kg	0.002 kg	250 x 250 mm	LC 156-6 K
FS-15Ki	15 kg	0.100 kg	0.005 kg	250 x 250 mm	LC 156-15 K
FS-30Ki	30 kg	0.200 kg	0.010 kg	380 x 300 mm	LC 157-30 K

Zero Setting Devices

Initial Zero Setting Range:- not more than 20% of the maximum capacity.

Semi-automatic zero setting:- not more than 4% of the maximum capacity.

Zero tracking device:- not more than 4% with corrections $\leq 0.5 d / \text{Second}$.

Levelling

The instrument has a level bubble and four adjustable feet for levelling.

Table 2 – Characteristics of the instrument

Model number		FS-30Ki
Accuracy Class		III
Maximum capacity	Max =	30 kg
Verification scale interval	e =	0.010 kg
Maximum tare capacity	T =	- 30 kg
Minimum capacity	Min =	0.200 kg
Temperature range		-10 C / 40 C

Associated MAA Test Report Details:

Table 3 – Associated test reports

Test Report No	MCA 1839
Pages in Test Report	48
Maximum capacity	30 kg
Testing authority	MCA

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.