Member State of OIML
United Kingdom of Great Britain
and Northern Ireland

OIML Certificate No
R60/2000-GB1-06.02

OIML CERTIFICATE OF CONFORMITY

Issuing authority

Name: **National Weights and Measures Laboratory**

Address: **Stanton Avenue**
Teddington
Middlesex
TW11 0JZ
United Kingdom

Person responsible: **Paul Dixon – Business Team Manager, Type Approval & Testing.**

Applicant

Name: **Applied Weighing International Ltd**

Address: **Unit 5 Southview Park**
Marsak Street
Caversham
Berkshire
RG4 5AF
United Kingdom

Manufacturer of the certified pattern is:

The applicant

Identification of the certified pattern:

Alloy steel, nickel plated, compression strain gauge load cell

Model Designation	AW750 CH
Maximum capacity, E_{max}	1200, 2000, 2500, 5000, 6000 kg
Accuracy class	C1.2
Maximum number of load cell intervals, n_{max}	1200
Minimum verification interval, V_{min}	0.1 kg
Apportionment factor; p_{LC}	0.7

This certificate attests the conformity of the above-mentioned pattern (represented by the samples identified in the associated test report) with the requirements of the following Recommendation of the International Organisation of Legal Metrology -OIML):

R 60 *Metrological regulation for load cells* **Edition: 2000 (E)** for **accuracy class :** C1.2

This certificate relates only to the metrological and technical characteristics of the pattern of the instrument concerned, as covered by the relevant OIML International Recommendation.

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

The conformity was established by tests described in the associated NWML test report, N° TR: 0512 which includes 23 pages.

The issuing authority

Paul Dixon

for NWML

The CIML member

Jeff Llewellyn

Date 13th October 2006
Ref: T1136/0007

Table 1: Essential technical data

Model designation	*Designation*	*Value*	*Units*
Classification		C1.2	
Additional marking		CH	
Maximum number of load cell verification intervals	n_{LC}	1200	
Maximum capacity	E_{max}	1200, 2000, 2500, 5000, 6000	kg
Minimum dead load, relative	E_{min}/E_{max}	0	%
Relative V_{min} (ratio to minimum LC verification interval)	$Y = E_{max}/V_{min}$	4800	
Relative DR (ratio to minimum dead load output return)	$Z = E_{max}/(2*DR)$	22222	
Rated output		1.14	mV/V
Maximum excitation voltage		15	V dc
Input impedance (for strain gauge LCs)	R_{LC}	762.0	Ω
Temperature rating		-10/+40	°C
Safe overload, relative	E_{lim}/E_{max}	150	%
Cable length		3	m
Additional characteristics		4 wire + screen	