



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

OIML Certificate No
R60/2000-GB1-09.02

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 – Product Certification Manager**

Applicant

Name: **CWC Central Company Limited**
Address: **7 Haplada Street
Or Yebuda
60218
Isreal**

Manufacturer of the certified pattern is:

The applicant

Identification of the certified pattern:

Double-Ended Shear Beam Load Cell

Model Designation	CWC PSA-6808SAIILL-100-xx, where xx relates to the capacity.
Maximum capacity, E_{\max}	SEE TABLE ON PAGE 3
Accuracy class	C3
Maximum number of load cell intervals, n_{\max}	3000
Minimum verification interval, V_{\min}	$E_{\max}/6666.67$
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 : C3

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 test report No 12-93 and 12-93A (issued by Sensortronics) having 15 and 19 pages.

Issuing authority

CIML member




Mr P Dixon
for NWML

Mr P Mason

Date 27 February 2009
Ref: T1136/0036

Table 1: Essential technical data

<i>Model designation</i>	<i>Designation</i>	<i>Value</i>	<i>Units</i>
Classification		C3	
Additional marking		CH	
Maximum number of load cell verification intervals	n_{LC}	3000	
Maximum capacity	E_{max}	SEE TABLE ON PAGE 3	lb/kg
Minimum dead load, relative	E_{min}/E_{max}	SEE TABLE ON PAGE 3	lb/kg
Relative V_{min} (ratio to minimum LC verification interval)	$Y = E_{max}/V_{min}$	6666.67	
Relative DR (ratio to minimum dead load output return)	$Z = E_{max}/(2*DR)$	3000	
Rated output		3	mV/V
Maximum excitation voltage		10	V DC
Input impedance (for strain gauge LCs)	R_{LC}	700 ± 15	Ω
Temperature rating		-10/+40	$^{\circ}C$
Safe overload, relative	E_{lim}/E_{max}	150	% F.S
Cable length		20	m
Additional characteristics		4- wire (plus shield)	

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E_{Max} (lb)	V_{Min} (lb)	E_{Min} (lb)		E_{Max} (kg)	V_{Min} (kg)	E_{Min} (kg)
50000	7.5	2500		25000	3.75	1250
60000	9.0	3000		30000	4.5	1500
75000	11.25	3750		35000	5.25	1750
90000	13.5	4500		40000	6.0	2000
100000	15.0	5000		45000	6.75	2250
150000	24.0	7500		50000	7.5	2500
200000	30.0	10000		60000	9.0	3000
				75000	11.25	3750
				90000	13.5	4500
				100000	15	5000

CERTIFICATE HISTORY

ISSUE NO.	DATE	DESCRIPTION
R60/2000-GB1-09.02	27 February 2009	Certificate first issued.

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