

OIML CERTIFICATE OF CONFORMITY

Issuing authority: **National Measurement Office**

Person responsible: **Paul Dixon – Product Certification Manager**

Applicant: **Dinamica Generale s.r.l.
Via Mondadori, 15
46025 Poggio Rusco
Mantova,
Italy**

Manufacturer: **The applicant**

Identification of the certified pattern: **DG-DWB Digital compression stainless steel load cell**

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):

OIML R 60 - Edition 2000(E) for accuracy class: C2

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.

Important note: Apart from the mention of the certificates reference number and the name of the OIML Member State in which the certificate was issued, partial quotation of the certificate or of the associated test report is not permitted, though they may be reproduced in full.

Issue Date: 08 June 2012
Reference No: TS13/0015



Signatory: G E Stones

The conformity was established by tests described in the following associated test reports;

NMO test report SN№ 1217 having 14 pages.
Avery Weigh Tronix test report 03417TR having 25 pages.

Characteristics of the Load Cell:

Model designation	Designation	Value	Units
Classification		C2	
Additional marking		CH	
Maximum number of load cell verification intervals	nLC	2000	
Maximum capacity	E_{max}	30000	kg
Minimum dead load, relative	E_{min}/E_{max}	0	kg
Relative V_{min} (ratio to minimum LC verification interval)	$Y = E_{max}/V_{min}$	3.0	kg
Relative DR (ratio to minimum dead load output return)	$Z = E_{max}/(2*DR)$	n/a	
Rated output		n/a	mV/V
Maximum excitation voltage		+ 15	V DC
Input impedance (for strain gauge LCs)	RLC	n/a	Ω
Temperature rating		-10/+40	°C
Safe overload, relative	E_{lim}/E_{max}	150	% F.S
Fraction	P_{LC}	1.0	
Cable length		14	m
Additional characteristics		4 wire	

Certificate History

Issue №.	Date	Description
R60/2000-GB1-12.04	08 June 2012	Type approval first issued
-	-	-