

OIML CERTIFICATE OF CONFORMITY

Issuing authority: **National Measurement Office**

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

Applicant: **Avery Weigh-Tronix
Foundry Lane
Smethwick
West Midlands, B66 2LP
United Kingdom**

Manufacturer: **The applicant and
Avery India Limited
Plot Nos. 50 – 59, sector – 25
Ballabgarh – 121004 (Haryana)
India**

Identification of the
certified pattern: **T301x Digital compression alloy 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: C6

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: 10 September 2012
Reference No: TS13/0006



Signatory: P R Dixon

This revision replaces previous version of the certificate.

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

Test Report	SN: 1191	issued by NMO
Test Report	03345TR	issued by Avery Weigh-Tronix.
Test Report	03420TR	issued by Avery Weigh-Tronix.

Characteristics of the Load Cell:

Model designation	Designation	Value	Units
Classification		C	
Additional marking		CH	
Maximum number of load cell verification intervals	n_{LC}	6000	
Maximum capacity	E_{max}	30 000 45 000	kg
Minimum dead load, relative	E_{min}/E_{max}	0	kg
Relative V_{min} (ratio to minimum LC verification interval)	$Y = E_{max}/V_{min}$	3.2 4.8	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		12	V DC
Input impedance (for strain gauge LCs)	R_{LC}	n/a	Ω
Temperature rating		-10/+40	$^{\circ}C$
Safe overload, relative	E_{lim}/E_{max}	150	% F.S
Fraction	P_{LC}	0.8	
Cable length		n/a	m
Additional characteristics		-	

Certificate History:

Issue №.	Date	Description
R60/2000-GB1-11.05	25 October 2011	Certificate first issued
R60/2000-GB1-11.05 Revision 1	10 September 2012	Number of verification scale intervals increased to 6000, P_{LC} changed from 1.0 to 0.8 and alternative manufacturer added.