

	
OIML Member State United Kingdom of Great Britain and Northern Ireland	OIML Certificate No. R60/2000-A-GB1-22.01
OIML CERTIFICATE ISSUED UNDER SCHEME A	
OIML Issuing Authority NMO Stanton Avenue Teddington TW11 0JZ United Kingdom Person responsible: Mannie Panesar – Head of NMO	
Applicant Avery India Ltd Plots 50--59 Sector 25 Ballabgarh-121004 Haryana India	
Manufacturer The applicant	
Identification of the certified type T202x compression load cell <i>(the detailed characteristics are defined in the Descriptive Annex)</i>	
<p>This OIML Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML type evaluation report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):</p> <p>OIML R 60, Edition: 2000</p> <p>For accuracy class: C3</p>	
<p>Issue date: 23 March 2022</p> <p>The OIML Issuing Authority</p>  <p>Grégory Glas Lead Technical Manager <i>For and on behalf of the Head of NMO</i></p>	

This OIML Certificate relates only to metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML Recommendation identified above.

This OIML 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 OIML type evaluation report:

No. P03092 dated 23 March 2022 that includes 4 pages.

The technical documentation relating to the identified type is contained in documentation file:

No. P03092-D dated 23 March 2022.

OIML Certificate History

Revision No.	Date	Description of the modification
Revision 0	23 March 2022	Certificate first issued.
-	-	-

No revisions have been issued.

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 OIML type evaluation report(s) is not permitted, although either may be reproduced in full.

DESCRIPTIVE ANNEX

Characteristics of the Load Cell:

	Designation	Value	Units
Model		T202x	
Accuracy Class		C3	
Additional marking		CH	
Maximum number of load cell verification intervals	n_{LC}	3 000	
Maximum capacity	E_{max}	45 000	kg
Minimum dead load, relative	E_{min}/E_{max}	0	%
Minimum load cell verification interval	V_{min}	3.330	kg
Relative v_{min} (ratio to minimum load cell verification interval)	$Y = E_{max}/V_{min}$	13 500	
Relative DR (ratio to minimum dead load output return)	$Z = E_{max}/(2*DR)$	5 400	
Rated output		1.75	mV/V
Reference excitation voltage		10	V dc
Excitation voltage range		10 - 15	V dc
Input impedance	R_{LC}	560 - 620	Ω
Temperature rating		-10 / + 40	°C
Safe overload, relative	E_{lim}/E_{max}	150	% F.S
Apportionment factor	P_{LC}	0.8	
Cable length		20	m
Cable cross-section		Each core 0.22	mm ²
Additional characteristics:	6 wire: Green (+Exc) ; Black (-Exc) White (+Signal) ; Red (-Signal) Blue (+Ref) ; Yellow (-Ref)		
Output impedance		475 - 485	Ω
Transducer material		Stainless Steel	
Atmospheric protection		Hermetic sealing IP68	