



OIML Member State



OIML Certificate No.
DYMR/2021-A-STF-148

OIML CERTIFICATE

ISSUED UNDER SCHEME A

OIML Issuing Authority

Name. DIMS SERVICES PRIVATE LIMITED, INDIA
4, Vyankat Ramana, Kala Nagar, Dindori Road, Panchavati, Nashik.
Person responsible: Mr. Kunal Sisodiya, Operations Manager

Applicant

Name. SAITECHFLOW INSTRUMENTS & CONTROL
GAT NO. 624/9, Behind Gabriel Company, Kuruli Chakan, Tal. Khed
Dist. Pune -410501, Maharashtra, India.

Manufacturer

Name. SAITECHFLOW INSTRUMENTS & CONTROL
GAT NO. 624/9, Behind Gabriel Company, Kuruli Chakan, Tal. Khed
Dist. Pune -410501, Maharashtra, India.

Identification of the
Certified type

Digital Flow Meter (Further Characteristics on page 2)

This OIML Certificate attested the conformity of the above identified type (represented by the sample (s) identified in the OIML types evaluation report) with the requirements of Recommendation of the International Organization of legal Metrology (OIML):

OIML R76 - Edition 2006 for accuracy class: C3↓ C4↓ C5↓ and C6↓

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

This OIML Certificate does not bestow any form of legal international approval.

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

OIML Issuing Authority:

DIMS SERVICES PRIVATE LIMITED, INDIA

Date:

27 July 2021



Ms. Khushi Patil
Director
Dims Services Pvt. Ltd.

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422003, Maharashtra, India.
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Characteristics of the Load Cell

Model Designation	Designation	Value				Unit
		C3 ↓	C4 ↓	C5 ↓	C6 ↓	
Classification						
Additional Marking						
Maximum number of load cell verification intervals	n_{LC}	3000	4000	5000	6000	
Maximum Capacity *	E_{max}	10,20,30,40 & 50				t
Minimum dead load, relative	E_{min}/E_{max}	0				%
Relative V_{min} (ratio to minimum LC verification interval)	$Y = E_{max} / V_{min}$	18000				
Relative DR (ratio to minimum dead load output return)	$Z = E_{max} / (2 \cdot DR)$	1000				
Rated output		2				mV/V
Reference excitation voltage	$V_{(cc)}$	10				V DC
Range of excitation voltage		5 TO 15				V DC
Input Impedance (for strain gauge LCs)	R_{LC}	800				Ω
Input Impedance tolerance		5				Ω
Output impedance		700				Ω
Output impedance tolerance		3				Ω
Temperature rating		- 10 / + 40				*C
Apportionment fraction	P_{LC}	0.7				
Safe overload, relative	E_{lim} / E_{max}	150				%
Maximum cable length		20				m
Constructive material		Stainless steel				

*Note: Load cell type CS can have other maximum capacities from 10.000 kg to 50.000 kg, respecting always its metrological and constructive characteristics, according to OIML R60;2000

Certificate History

Issued no.	Date	Description
DYMR/2021-A-STF-148	27/07/2021	Certificate first issued
Nil	Nil	Nil