



CERTIFICATE OF CALIBRATION



Godrej & Boyce Mfg.Co.Ltd.,
Calibration Services,MD Babar Business Center,
Godown 3-6,2 floor,Plot BGP-109
Landewadi MIDC Bhosari Pune-411026
Dir.:+91-20-46304224-4223

FR-QT-21		ULR No. : CC249523000028958F	
Certificate No. : P-231025-1-4	Date of Issue : 06-11-2023	Date of Calibration : 28-10-2023	Recom. Due Date : 28-10-2024
Customer Details		Receipt No	P-231025-1
Bush Electromech & Engineering Pvt. Ltd		Calibrated at	: Lab
Plot No. K-89, MIDC, Waluj, Aurangabad		Challan Date	: 28-10-2023
Maharashtra India 431136		Date of Receipt	: 28-10-2023
		Cond. On Receipt	: Satisfactory
Details of Test Instrument:			
Description : Digital Clamp Meter	Model No. : 27-AUTO BL	Range : As Per Report	Serial No : -
Least Count : As Per Report	ID No. : CM-02	Make : Meco	
Details of Standard Used :			
Name	Sr.No.	Valid upto	Traceability
Multi-Product Calibrator	LMGP-108	05-01-2024	G&B, Mumbai
Work Instruction /IS No.: WI-ET-04 / EUROMAT cg-15 version 3.0(02/2015)			
Group : Electro-Technical : Electrical Equipments			
Remarks			
<p>1. Equipment used for calibration were calibrated & traceable to National & International Standards.</p> <p>2. This report refers only to particular item (s) submitted for calibration.</p> <p>3. Godrej Calibration Services is not liable for any change in calibration data & performance specifications on account of malfunctioning of Standards / Instruments / Equipment covered by this report due to damage caused to it after issuance of this report.</p> <p>4. The calibration results reported are valid at the time of and under the stated conditions of the measurements.</p> <p>5. This report should not be reproduced in full / part without prior permission of Godrej Calibration Services.</p> <p>6. Satisfactory calibration report in no ways implies that the equipment calibrated is approved by NABL.</p> <p>7. All precautions have been taken for any error or omission while calibrating the instruments and issuing this certificate. However Godrej Calibration Services shall not be liable for any loss or liability that may be arise to any party in this regards.</p> <p>8. Readings given are average of 3 Measurements.</p> <p>9. The reported Expanded Uncertainty is calculated at 95.45 % C.L with coverage factor k=2.</p>			
Authorized Signatory : S.R.Mahadik			
Designation : DM			
Calibrated By : Lab Engineer :P.K.DASH			



Godrej & Boyce Mfg. Co. Ltd.



CC-2495

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Godrej | CALIBRATION SERVICES

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Certificate No. : P-231025-1-4		ULR No.:CC249523000028958F		
Parameter/ Range	Standard Reading	UUC Reading	Error	Uncertainty
DC Voltage 0 to 20 V	V 2.000	V 2.01	V 0.010	± % 0.370
	10.000	10.08	0.080	0.370
	18.000	18.15	0.150	0.370
DC Voltage 0 to 200 V	V 20.000	V 20.1	V 0.100	± % 0.370
	100.000	100.8	0.800	0.370
	180.000	181.5	1.500	0.370
DC Voltage 0 to 600V	V 60.000	V 60.5	V 0.500	± % 0.370
	300.000	301	1.000	0.193
	540.000	544	4.000	0.107
AC Voltage @ 50Hz 0 to 20 V	V 2.0000	V 2.01	V 0.010	± % 0.291
	10.000	10.06	0.060	0.080
	18.000	18.12	0.120	0.108
AC Voltage @ 50Hz 0 to 200 V	V 20.0000	V 20	V 0.000	± % 0.291
	100.000	100.6	0.600	0.080
	180.000	181.1	1.100	0.108
AC Voltage @ 50Hz 0 to 600 V	V 60.0000	V 60.3	V 0.300	± % 0.103
	300.000	301	1.000	0.196
	540.000	542	2.000	0.148
AC Current 0 to 20 A	A 2.00	A 2.01	A 0.010	± % 1.003
	10.00	10.05	0.050	0.963
	18.00	18.09	0.090	0.961
AC Current 0 to 600 A	A 60.00	A 60.4	A 0.400	± % 0.966
	300.00	303	3.000	0.980
	540.00	544	4.000	0.967
Resistance 0 to 100 Ω	Ω 10.000	Ω 9.7	Ω -0.300	± % 0.100
	50.00	99.3	49.300	0.100
Resistance 0 to 1 kΩ	kΩ 0.100	kΩ 0.099	kΩ -0.001	± % 0.100
	1.00	0.991	-0.009	0.100
Resistance 0 to 10 kΩ	kΩ 1.000	kΩ 0.99	kΩ -0.010	± % 0.100
	10.00	9.91	-0.090	0.100
Resistance 0 to 100 kΩ	kΩ 10.000	kΩ 9.9	kΩ -0.100	± % 0.100
	100.00	99.2	-0.800	0.100
Resistance 0 to 1M Ω	MΩ 0.100	MΩ 0.099	MΩ -0.001	± % 0.100
	1.00	0.993	-0.007	0.100

****End Of Certificate****



Godrej & Boyce Mfg. Co. Ltd.

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