



TMSCC

TESTING MACHINE SERVICE AND CALIBRATION CENTRE
Precision is Our Destination.....

An ISO 9001 : 2015 Certified company
Calibration of Various Instruments & Testing Machines...



CC - 3125

Form No.: TMSCC/R/23

CALIBRATION CERTIFICATE

CALIBRATION CERTIFICATE NO.: 2023/11/1228

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ISSUE DATE : 11-Nov-2023

ULR No. : CC312523000016949P

1.0 ISSUED TO : M/s.: Divine Touch Medi-Clinic
Colonel Chowmuhani, Near SBI TLA House,
Branch - Agartala, Tripura(West) - 799001.



1.1 Service Request Form No. : SRF/2023/11/10/04

1.2 Service Request Date : 10-11-2023

1.3 Location : At Lab

1.4 Description identification of item to be calibrated :

i	Name :	Weighing Machine	ii	Make :	S.Cure
iii	Model / Type No.:	SWS-102	iv	Sl. No.:	--
v	I.D.No.:	DIVINE/LAB/WM/01	vi	Job Code No.:	2023/11/1228
vii	Range :	Max: 180 kg	viii	Resolution :	0.05 kg
				Readability (e) :	0.05 kg
ix	Accuracy :	As Per OIML-R-76-1	x	End User :	--

1.5 Full / Partial Calibration : Partial Calibration

1.6 Applicable specification of item to be calibrated: Accuracy / permissible limit : Not Specified.

1.7 Date of receipt of item : 9-Nov-2023 1.8 Date of calibration : 10-Nov-2023

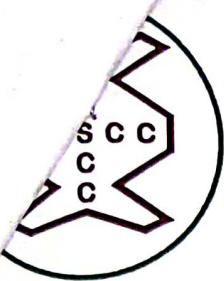
1.9 Calibration due on : 9-Nov-2024 2.0 Frequency of calibration once in : 12 Months

2.1 Environmental condition during calibration :
Temperature : 20.5 °C
Humidity : 53 % RH

2.2 Basis of calibration : SOP/8/02

2.3 Traceability : Standards used for calibration are traceable to National Standards through NABL accredited Laboratory.

Name of the Instrument	Sl. No./ Id No.	Certificate No.	Lab Certificate No.	Calibrated On	Due On
E2 Class Weight Box	(TMSCC/WB/01)	TSC/22-23/12101-9	CC - 2231	16-11-2022	16-11-2023
E2 Class Weight	(TMSCC/W/500g/01)	TSC/22-23/12101-10	CC - 2231	16-11-2022	16-11-2023
	(TMSCC/W/1000g/01)	TSC/22-23/12101-11	CC - 2231	16-11-2022	16-11-2023
	(TMSCC/W/2000g/01)	TSC/22-23/12101-22	CC - 2231	16-11-2022	16-11-2023
	(TMSCC/W/2000g/02)	TSC/22-23/12101-13	CC - 2231	16-11-2022	16-11-2023
	(TMSCC/W/5000g/01)	TSC/22-23/12101-12	CC - 2231	16-11-2022	15-11-2023
	(TMSCC/W/10kg/01)	TSC/22-23/12101-15	CC - 2231	16-11-2022	16-11-2023
	(TMSCC/W/01)	TSC/22-23/12101-16	CC - 2231	16-11-2022	16-11-2023
	(TMSCC/W/02)	TSC/22-23/12101-17	CC - 2231	16-11-2022	16-11-2023
	(TMSCC/W/03)	TSC/22-23/12101-18	CC - 2231	16-11-2022	16-11-2023
(TMSCC/W/04)	TSC/22-23/12101-19	CC - 2231	16-11-2022	16-11-2023	



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CALIBRATION RESULTS

LINEARITY TEST:

Observation	Denomination	Std. Mass Value in g	Reading Observed at DUC in kg (Average of Five Readings)	Error in g	MPE in (±)g	Measurement Uncertainty (±) g	Acceptance Criteria
1	2 kg	2000.002	2.00	0.00	0.5	88.0	Pass
2	5 kg	5000.006	5.00	0.01	0.5	88.0	Pass
3	10 kg	10000.011	10.00	0.01	0.5	88.0	Pass
4	20 kg	20000.007	20.00	0.01	2.0	88.0	Pass
5	40 kg	40000.018	40.00	0.02	3.0	88.0	Pass
6	50 kg	50000.029	50.00	0.03	10.0	88.0	Pass
7	70 kg	70000.041	70.00	0.04	10.0	88.0	Pass
8	80 kg	80000.052	80.00	0.05	10.0	88.0	Pass
9	100 kg	100000.065	100.00	0.07	10.0	88.0	Pass

Measurement Uncertainty at 95% confidence level where coverage factor, k=2

REMARKS: The DUC has been calibrated over its above range and the readings observed are tabulated above. The reference Standard used is traceable to National Standard.

DUC: Device Under Calibration

Physical status of the DUC: Ok

Calibrated By :

J. Bhattacharjee
(Sr. Calibration Engineer)

Checked By :

S. Chowdhury
(Quality Manager)

Approved By :

C. Ghosh
(Technical Director)

END OF CERTIFICATE

