

EQUIPEMENT NAME : DIGITAL THETMOMETER

**PLACE : ICTC –ANC , MCH , 88 COLLEGE STREET ,
KOLKATA – 700073**

EQUIPMENT ID NO. : MCH/ ICTC-ANC / 1 06

MAKE : ACETEQ

MODEL : DC – 3



TMSCC

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

An NABL Accredited Calibration Laboratory
A Constituent Board of Quality Council of India

An ISO 9001 : 2015 Certified company

Calibration of Various Instruments & Testing Machines...



CC - 3125

Form No.: TMSCC/R/23

CALIBRATION CERTIFICATE

CALIBRATION CERTIFICATE NO.:		TMSCC-1724-22-23		Page 1 of 2		
ISSUE DATE :		19-May-2022				
ULR No.:		CC312522000001940P				
1.0	ISSUED TO :	M/s.: ICTC-ANC, MCH Kolkata, Green Building , Ground Floor, Room No: 6&7, 88, College Street, Kolkata-700073				
1.1	Service Request Form No.:	SRF/22-23/05/032				
1.2	Service Request Date :	16-05-2022				
1.3	Location :	At Lab				
1.4	Description identification of item to be calibrated :					
	i Name :	Digital Thermometer	ii Make :	Acetecq		
	iii Model / Type No.:	DC-3	iv S/L No.:	--		
	v I.D.No.:	MCH/ICTC-ANC/I06	vi Job Code No.:	22-23/1724		
	vii Range :	[-50 to 70] °C	viii Resolution :	0.1°C		
	ix Accuracy :	As Per DKD R5 - 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 :	16-May-2022	1.8 Date of calibration :	16-May-2022		
1.9	Calibration due on :	16-May-2023	2.0 Frequency of calibration once in :	365	Days	
2.1	Environmental condition during calibration :	Temperature :	25°C ± 5°C			
		Humidity :	(50 ± 20)% RH			
2.2	Basis of calibration :	SOP/10/02				
1. The above Instrument has been calibrated over its range and the results are tabulated from page 2 of report.						
2. The Calibration Certificates relates only to the above DUC & reported results are valid at the time of and under the stated conditions of measurements.						
3. Errors if any, in this certificate shall be brought to notice within 45 days from the date of this certificate.						
4. NABL-133 guidelines are adopted for use of NABL symbol.						
5. This certificate shall not be reproduced, except in full, without the written permission of TMSCC						
6. Corrections/erasing. invalidate the Calibration Certificate- exception to the 'Final Page or Part of this Report- provided for incorporation of additional data(To be filled by customer authorized signatory and not under calibration laboratory control).						
7. Laboratory Standards are traceable to National Standards						
8. In Result Sheets, 'Pass' indicates measured readings are within specification limit, 'Fail' Indicates measured readings are out of specification limit & '-' indicates no specification limit furnished. Acceptance criteria as per IS						
2.3	Traceability : Standards used for calibration are traceable to National Standards through NABL accredited Laboratory.					
	Name of Instrument	Sl. No. / ID no.	Certificate No.	Lab Certificate No.	Calibrated On	Due On
	Digital Temperature Indicator with Sensor(RTD)	Sl. No.- 18K588073 (Sensor Sl. No.- 19102403)	TSC/20-21/7842-36	CC-2231	24-11-2020	24-11-2022



TMSCC

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

An NABL Accredited Calibration Laboratory
A Constituent Board of Quality Council of India

An ISO 9001 : 2015 Certified company

Calibration of Various Instruments & Testing Machines...



CC - 3125

Form No.: TMSCC/R/23

CC No.: TMSCC-1724-22-23

Date : 19-May-2022

Page No.: 2 of 2

CALIBRATION RESULTS

Sl. No.	Denomination set in °C	Observed Reading at Ref. Std. in °C (Avg. of five readings)	Error in °C	Uncertainty in ± °C	Acceptance Criteria
1	-30.0	-30.059	-0.059	0.15	Pass
2	-10.0	-10.020	-0.020	0.15	Pass
3	10.0	10.020	0.020	0.25	Pass
4	30.0	30.059	0.059	0.25	Pass
5	50.0	50.098	0.098	0.25	Pass
6	70.0	70.137	0.137	0.25	Pass

Maximum Permissible Error : ± 0.3% of rdg

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

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

DUC: Device Under Calibration.

Physical Status of the DUC : OK.

Calibrated By :


P. Dasmalakar

Checked By :


C. Ghosh

Approved By :


P. K. Modak



MCH/ICTC-ANC/TOG (ACETES - DC-3)

CENTRE NAME

ICTC-ANC, MCH, Kothara.

TEMPERATURE LOG

Thermometer location Refrigerator
 Acceptable temperature range 2 - 8°C
 Month / Year March 2022

Day	Temperature	Initials	Day	Temperature	Initials
1	M: 3.5°C E: 4.1°C	Ahmed	17	M: 2.9°C E: 3.6°C	Ahmed
2	M: 3.3°C E: 3.8°C	Ahmed	18	M: _____ E: _____	_____
3	M: 3.4°C E: 4.0°C	Ahmed	19	M: 3.4°C E: 4.1°C	K. Ghash
4	M: 3.2°C E: 4.2°C	Ahmed	20	M: _____ E: _____	_____
5	M: 3.4°C E: 3.8°C	Ahmed	21	M: 2.3°C E: 4.6°C	Ahmed
6	M: _____ E: _____	_____	22	M: 2.6°C E: 3.2°C	K. Ghash
7	M: 2.8°C E: 4.0°C	Ahmed	23	M: 3.2°C E: 4.0°C	Ahmed
8	M: 3.7°C E: 4.5°C	Ahmed	24	M: 2.8°C E: _____	K. Ghash
9	M: 3.4°C E: 4.0°C	Ahmed	25	M: 2.9°C E: _____	K. Ghash
10	M: 3.9°C E: 4.0°C	Ahmed	26	M: 3.8°C E: 4.2°C	Ahmed
11	M: 3.8°C E: 4.5°C	K. Ghash	27	M: _____ E: _____	_____
12	M: 4.1°C E: 3.9°C	Ahmed	28	M: 4.2°C E: 3.5°C	Ahmed
13	M: _____ E: _____	_____	29	M: 5.0°C E: 3.9°C	Ahmed
14	M: 2.8°C E: 3.3°C	Ahmed	30	M: 4.0°C E: 3.9°C	Ahmed
15	M: 2.2°C E: 4.5°C	Ahmed	31	M: 3.4°C E: 4.5°C	Ahmed
16	M: 2.8°C E: 4.1°C	Ahmed			

The acceptable range for test kit and control kit storage is 2° to 8° C; and the acceptable range for the testing area is 15° C to 27° C.

The acceptable range of temperature for the incubator should be within 36.5° C to 37° C.

NOTE: Periodically (e.g., every six months) check thermometer performance and document.

ICTC-ANC , CMCH , Kolkata .

CENTRE NAME

TEMPERATURE LOG

Thermometer location Refrigerator
 Acceptable temperature range 2-8°C
 Month / Year April-2022

MCH/ICTC-ANC/IOG (ACETEQ-DC-3)

Day	Temperature	Initials	Day	Temperature	Initials
1	M: 3.9°C E: 5°C	Ahmed	17	M: _____ E: _____	
2	M: 3.4°C E: 5.9°C	K. Ghosh	18	M: 3.3°C E: 4.0°C	Ahmed
3	M: _____ E: _____		19	M: 3.8°C E: 3.5°C	Ahmed
4	M: 4.0°C E: 4.4°C	Ahmed	20	M: 3.5°C E: 2.9°C	Ahmed
5	M: 3.9°C E: 4.4°C	Ahmed	21	M: 3.5°C E: 4.8°C	Ahmed
6	M: 4.0°C E: 3.8°C	Ahmed	22	M: 4.0°C E: 3.5°C	KP
7	M: 3.6°C E: 4.0°C	Ahmed	23	M: 3.3°C E: _____	Ahmed
8	M: 3.4°C E: 3.6°C	PZ	24	M: _____ E: _____	
9	M: 3.8°C E: 4.5°C	Ahmed	25	M: 2.7°C E: 3.5°C	Ahmed
10	M: 3.5°C E: 4.2°C	Ahmed	26	M: 3.0°C E: 3.4°C	Ahmed
11	M: 3.3°C E: 4.0°C	Ahmed	27	M: 2.8°C E: 3.4°C	Ahmed
12	M: 4.5°C E: 3.8°C	Ahmed	28	M: 3.0°C E: 2.5°C	Ahmed
13	M: 3.2°C E: 4.4°C	Ahmed	29	M: 3.8°C E: 3.2°C	PZ
14	M: 3.1°C E: 2.8°C	Ahmed	30	M: 2.3°C E: 3.8°C	Ahmed
15	M: _____ E: _____		31	M: _____ E: _____	
16	M: 2.5°C E: 3.5°C	Ahmed			

The acceptable range for test kit and control kit storage is 2° to 8° C; and the acceptable range for the testing area is 15° C to 27° C.

The acceptable range of temperature for the incubator should be within 36.5° C to 37° C.

NOTE: Periodically (e.g., every six months) check thermometer performance and document.

GOVERNMENT OF WEST BENGAL
DEPARTMENT OF HEALTH & FAMILY WELFARE
WBSAP&CS (BSD)

1st Floor, Swasthya Bhawan, Wing-B, GN-29, Sector-V, Salt Lake, Kolkata-700091
Ph.: 2333-0526, Fax: 2357-0122, Website : www.wbhealth.gov.in/wbsapcs

Memo No. HFW-28012(99)/1/2021-BSD SEC-Dept. of H&FW Date:

To

The Principals/ Director/MSVP/ Superintendant/BMOH (Medical Colleges/District Hospitals/ Subdivision Hospitals/State General Hospitals/ Rural Hospitals/Block Primary Health Centres/ Primary Health Centres)

Subject: Regarding supply of Refrigerator, VDRL shaker, Micropipette, Needle cutter, Centrifuge machine, Thermohyrometer, digital Thermometer for refrigerator to the SAICTCs

Ref:

- 1) Order vide memo no. HFW-28012(14)/3/2019-BSD SEC-Dept of H&FW/I/80090/2020/S-177 dated 4/2/2020 for supply of Refrigerator, VDRL Shaker, Micropipette, Needle cutter, Centrifuge machine for the ICTCs
- 2) Order vide memo no. HFW-28012(14)/2/2019-BSD SEC-Dept of H&FW-Part-(2)/S-197 dated 23/3/2020 for supply of Digital thermometer for refrigerator for ICTC Laboratory
- 3) Order vide memo no. HFW-28012(14)/2/2019-BSD SEC-Dept of H&FW-Part-(2)/S-198 dated 23/3/2020 for supply of Thermohyrometer for ICTC Laboratory

Madam/Sir,

As per the supply order as stated above, WBSAP&CS has supplied the various Lab equipments for all 314 stand alone ICTC laboratories replacing the older ones.


Joint Director- BSD

Memo No. HFW-28012(99)/1/2021-BSD SEC-Dept. of H&FW Date:

Copy forwarded for necessary information to

1. The Project Director-WBSAP&CS
2. The Medical Officer-In Charge, All Stand alone ICTCs, West Bengal
3. Office copy


Joint Director- BSD