



Calibration Certificate



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FORMAT NO. BELZ/F/28

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Name & Address of Client M/s: National Centre For Quality Calibration, 4, Abhishree Corporate Park, Near Swagat Bungalow BRTS, Iskon-Ambli Road, Ambli, Ahmedabad.	Certificate No.	30039617
	ULR No.	CC273321300005956F
	Date of Issue	28/06/2021
	Date of Calibration Start & End	26/06/2021 - 26/06/2021
	Recommended Due Date	26/06/2022
	Service request No & Date	SO21-10502 - 23/06/2021

Instrument Details			
Instrument/Parameter Name	Digital Thermo Hygropalm With Sensor	Range/Size	-10 to 60°C/0 to 100%RH
Equipment/ Machine	N/A	Accuracy/Acceptance Criteria	±0.1°C/±0.8%RH
Equipment Location	Not Specified	Least Count/Resolution	0.01°C/0.01%RH
Make/Model	Rotronic/HP32	Calibrated At	Lab
Sr.No.	5181935/20281776		
ID.No.	NCQC/T-161		

Master Equipment Used [Reference Standard/Working Standard]						
Sr. No.	Instrument Name	ID/Sr.No	Accuracy/Acceptance Criteria	Certificate No.	Calibrated By	Due Date
1	Digital Thermometer	BELZ/T/TM-01 & 064565	As Per Manual	ERTL(N)/2020/20FA0067	ERTL(N)	02/09/2021
2	Std. Platinum Resistance Thermometer-SPRT	BELZ/T/S/SPRT-01/ 05580	±0.007°C	FL/C/TH/10032021-C001	Fare Labs	19/04/2022
3	Digital RH Indicator With Sensor	BELZ/T/RHI-01	±0.8%RH	FL/C/TH/14082020-C001	Fare Labs	18/08/2021

Environmental Condition	Temperature(°C)	25+3	Calibration Method	CI(T)-07
	Relative Humidity(%RH)	35 to 70		

Calibration Results

S.No.	Std. Avg. Readings in IN Deg C AT 50%RH	UUC Avg. Readings in IN Deg C AT 50%RH	Expanded Uncertainty(±)
01.	0.101	0.07	
02.	10.029	9.94	
03.	25.131	25.09	
04.	40.063	39.98	
05.	49.978	49.89	
	IN %RH AT 25°C	IN %RH AT 25°C	±0.8%RH
01.	10.65	10.21	
02.	30.18	29.79	
03.	50.37	49.86	
04.	70.09	69.51	
05.	94.89	94.18	

The Expanded Uncertainty of measurement was evaluated at a confidence-level of 95.45% with coverage factor, k=2 for a normal probability distribution.

UUC-Unit Under Calibration

Remarks: "The measurement result is within the tolerance limit specified by customer".
Status-"Pass".

NCQC
Valid up to 26/06/2022
Reviewed

- Notes:
- This Certificate refers only to the particular item submitted for calibration.
 - This Certificate shall not be reproduced, except in full, without the written permission of Chief Executive Belz Instruments Pvt. Ltd., FARIDABAD.
 - Results Reported are valid at the time of and under the stated conditions of measurement.
 - Calibration Certificates issued for Weight & Measure parameters i.e. Mass, Balance, Volumetric equipment, Measuring Scales / Tapes etc. are for scientific purpose only and should not be used for Trade / Commercial use.
 - UUC has been calibrated against lab standards whose values are traceable to SI units through reference standards, calibrated by NPL / NABL Accredited Labs.

Calibrated by: Rajendra Kumar
Calibration Engineer

Approved by: N.K. Nehra/A.K. Nehra/Vaishali Nehra
Quality Technical/Technical Manager

NCQC System Certificate No. 335

BELZ CALIBRATION LAB

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