



RELIABLE TECHNICAL SERVICES

(Division of Reliable Technocare Pvt. Ltd.)

"RELIABLE HOUSE" 497/2834-35, Sant Tukaram Nagar,
Pimpri, Pune - 411018. MH, India. Telefax : 020-27421170
Cell : 7774055755, 7774055855, 7774058855, 7774022900
Email : reliable1010@gmail.com/reliabletechnocare@gmail.com
Web. : www.reliable.world



RIR CERTIFICATION
ISO 9001:2015



ACCREDITED BY
IAS, USA
MSCB-127



CC-2927

CALIBRATION CERTIFICATE

1.CUSTOMER	:-	Page No.	:- 1 of 1
SRL LTD.		NABL Accreditation No.	:- CC-2927
Cedmar Apartment,		Certificate No.	:- 21.09.03.002
Nr.Arcadia Hotel,Panjim Goa		Date of Received	:- 03.09.2021
Temperature(^o C)	:- 23.6	Date of Calibration	:- 03.09.2021
Relative Humidity (%RH)	:- 51	Next Calibration Due On	:- 02.09.2022
Location of calibration	:- In Lab/On Site	Calibration method No.	:- RTS-WI-25
Condition of Item	:- Ok	ULR No.	:- CC292721000040778F
		Date of Issue	:- 06.09.2021

2. Description of Item			
Name	:- Thermohygrometer	Range	:- 0 to 50 ^o C/0 to 100%RH
Id No	:- SRL/GOA/003	Least Count	:- 0.1 ^o C/1%RH
Make	:- HTC-1		
Type	:- Digital		

3.Detail of Equipment used for calibration			
Name	:- Dig.Thermo Hygrometer with sensor	6½ DMM	PT 100 Sensor
Certificate No.	:- 30030756	CC/ECL/0557/20-21	TL/021/531.1.2
Certified By	:- Belz	IDEMI	Tempens
ID/Sr. No.	:- 61319921	TW00006839	19640
Calibration Validity	:- 28.10.2021	28.09.2021	10.06.2022

4.Calibration Results :-

A)Temp.

Calibration Points °C	Standard Reading °C	UUC Reading °C	Error in °C	Expanded Uncertainty in ±°c
20	20.4	20.2	-0.2	0.30
22	22.5	22.1	-0.4	0.30
25	25.6	25.1	-0.5	0.30
30	30.8	30.1	-0.7	0.30

B) Humidity

Calibration Points %RH	Standard Reading %RH	UUC Reading %RH	Error in %RH	Expanded Uncertainty in ±%RH
30	30.4	30	-0.4	1.62
40	40.5	40	-0.5	1.62
50	50.9	49	-1.9	1.62
80	81.6	79	-2.6	1.62

- Note:**
- 1)The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor k=2, which corresponds to a coverage probability of approximately 95% for normal distribution
 - 2) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
 - 3) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
 - 4) Calibration point were selected as per customer specifications.
 - 5) This certificate shall not be reproduced, except in full unless written permission for the publication of an approved abstract has been obtained from the Technical Manager of "Reliable Technical Services, Pune".
 - 6) The Standard used are traceable to National / International Standard

Calibrated By
V. Sagat
Calibration Engineer
Vilas Sagat



Approved By
S.M.
Technical Manager
Sachin A. Mhasawade

Sachin A. Mhasawade

