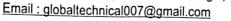


TECHNICAL SERVICES

Sec. No.25, Plot No.49/3, L.I.G. Colony, Pradhikaran, Nigdi, Pune - 411044



Mob: 9921239827 / 7276302207/ 9028888728



CC-2957

CALIBRATION CERTIFICATE

1.CUSTOMER

Page No.

:- 1 of 1

ICTC - 2 CENTRE

SRF No

:- GTS/220927/02

Certificate No.

:- GTS/220927/02-001

North Goa District Hospital, MAPUSA, GOA

Date of Received

:- 27.09.2022

Date of Calibration

:- 27.09.2022

Issue Date

Next Calibration Due On :- 26.09.2023

:- 03.10.2022

Relative Humidity (%RH)

:- 21 to 40 :- 30 to 75 Calibration method No.

:- MECH-WI-07

Location of calibration

Ambient Temp. (°C)

:- On Site

:- Ok

ULR No

:- CC295722000010124F

Condition of Item

2. Description of Item Name

:- Centrifuge

Range

0 to 3500 RPM

ld No Make :- DHS/MSD/PATH/B2

Least Count Location

:- ICTC 2 LAB

Type

:- Remi R303 :- Knob

:- FHLC 10191

Sr No Dept.

:- GSACS

3. Details of Equipment used for calibration

Name	Certificate No.	Certified By	ID No.	Calibration Validity
Digital Tachometer	NI/2205/059/003	Nishitronics Instrumentation	GTS/TM/01	22.05.2023

Discipline-Mechanical

4.Calibration Results	COST ALL A			
Sr No	Standard Reading RPM	Knob No on UUC	Expanded Uncertainty in ± %	
1	859.7	1	4.20	
2	1452	2	1.20	
3	2411	3	1.20	
4	2818	4	1.20	
5	3419	5	1.20	

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 95.45% 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 "Global Technical Services, Pune".

6) The Instruments used for calibration are traceable to National/International standards and their Calibrations are valid.

Calibrated By

Calibration Engineer

Approved By

Technical Manager Swapnil Bhagwat

Rohit L RF-55/01

End of Certificate





CUSTOMER		CALIBRATIO	ON CERTIFICATE	All	MINE.	
S S S S S S S S S S S S S S S S S S S	;-	Global Techanical Services Sec. No-25, Plot No-49/3 LIG Colony Pradhikaran Nigd Pune-411044	Page No. ULR No.	H 1		
Amb. Temp Rh. Location of calibrati Characteristic and Condition of items	:-	25 ± 2 ° C 45 to 75% LAB OK	Date of receipt Date of calibration Cal. Req. No. Next Due Date Parameter Calibration metho	:- :- :-	23/05/2022 23/05/2022 NI/2205/059/003 22/05/2023 RPM	
Details of Items				19.5	Li Daline	
Name Location	;- ;-	Digital Tachometer	Model Range	7	TM-4005 2.5 To99999 rpm(non-contct)	
Make]-	Metrix	L.C.		0.1 rpm & 1 rpm	
ID No.	;-	GTS/TM/01	Accuracy	- 33	:- Not specified	
Sr No.	:-	N785275	6 F1 0 937 5 6		MELLINI-	
Details of Equipm	ent us	ed for Calibration		116	ME UZ	
Name	:-	DIG.TACHOMETER		7/0	14000	
Calibrated by	:-	INSTOTECH				
Certificate No.	:-	2021/0200				
Validity	:-	01/06/2022				
		OBSE	RVATION	PH	E S.	
NON-Contact Ty	pe			J. D.		
Cal. Point		Std. Reading	UUC Reading	Erro	r	Expanded
rpm		rpm	rpm	rpn		Uncertainty
100		100.1	100.6	0.50	The same of the sa	<u>+</u> 3.0 rpm,
5000		5001	5002	1.00	and the same of	<u>+</u> 5.0 rpm,
10000		10115	10109	-6.00		± 10.0 rpm,
20000		20548	20538	-10.0		± 15.0 rpm,
40000		42350	42342	-8.00		<u>+</u> 20.0 rpm,
90000		90326 of uncertainty is estimated at a	90318	-8.00		<u>+</u> 25.0 rpm,

The reported measurement uncertainty is estimated at a level of confidence of approximately 95 % Remarks:

- 1) Result are related only to the item calibrated .
- 2) This certificate refers only to the particular items submitted for calibration .
- 3) This certificate shall not be reproduced except in full without our prior permission in writing.
- The calibration results reported in this particular certificate are valid at the time of an under stated condition of measurement.
- 5) Standard used for calibration were traceable to National / International standard.
- 6) Readings given above are as on received condition of an instrument.

Calibrated by

Authorized Signatory

(Technical Assistant)

(V.B.Hingmire) / (S.B.Hingmire) (Technical Manager)

Form No.: NI/F/7.8/ET/01

Form Rev. No.: 0

Effective Form Date:20/11/2019

Issue No: 03

Issue Date :20/11/2019