



GLOBAL TECHNICAL SERVICES

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

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Mob : 9921239827 / 7276302207/ 9028888728



CC-2957

CALIBRATION CERTIFICATE

1. CUSTOMER :-

ICTC CENTRE

Community Health Centre, PERNEM, GOA

Ambient Temp. (°C) :- 21 to 40

Relative Humidity (%RH) :- 30 to 75

Location of calibration :- On Site

Condition of Item :- Ok

Page No. :- 1 of 1

SRF No :- GTS/220927/04

Certificate No. :- GTS/220927/04-001

Date of Received :- 27.09.2022

Date of Calibration :- 27.09.2022

Next Calibration Due On :- 26.09.2023

Issue Date :- 03.10.2022

Calibration method No. :- MECH-WI-07

ULR No :- CC295722000010153F

2. Description of Item

Name :- Centrifuge Range :- 0 to 3500 RPM

Id No :- GSACS/NACP- IV/NACO/GOODS/09-10/02 Least Count :- --

Make :- Remi C852/4 Location :- ICTC LAB

Type :- Knob Sr No :- ABLC 15

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 :-

Sr No	Standard Reading RPM	Knob No on UUC	Expanded Uncertainty in ± %
1	858.2	1	4.20
2	1463	2	1.20
3	2382	3	1.20
4	2837	4	1.20
5	3434	5	1.20

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 95.45% 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

Rohit
Calibration Engineer
Rohit L



Approved By

Swapnil
Technical Manager
Swapnil Bhagwat



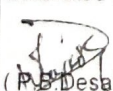

CC-2294

Nishitronics
Instrumentation

* Standard Instruments

* Calibration Services in Industrial Process Control

* We work for Customer's Satisfaction

CUSTOMER		CALIBRATION CERTIFICATE		
:- Global Technical Services Sec. No-25, Plot No-49/3 LIG Colony Pradhikaran Nigdi Pune-411044		Page No.	:- 1 of 1	
		ULR No.	:- ULR-CC229422000002373F	
		Discipline	:- Mechanical Calibration	
		Certificate No	:- NI/2205/059/003	
		Date of issue	:- 24/05/2022	
		Date of receipt	:- 23/05/2022	
		Date of calibration	:- 23/05/2022	
		Cal. Req. No.	:- NI/2205/059/003	
		Next Due Date	:- 22/05/2023	
		Parameter	:- RPM	
		Calibration method no	:- NI / CP / M / 05	
Amb. Temp :- 25 ± 2 °C				
Rh. :- 45 to 75%				
Location of calibration :- LAB				
Characteristic and :- OK				
Condition of items				
Details of Items				
Name :-	Digital Tachometer	Model :-	TM-4005	
Location :-	--	Range :-	2.5 To99999 rpm(non-contct)	
Make :-	Metrix	L.C. :-	0.1 rpm & 1 rpm	
ID No. :-	GTS/TM/01	Accuracy :-	Not specified	
Sr No. :-	N785275			
Details of Equipment used for Calibration				
Name :-	DIG.TACHOMETER			
Calibrated by :-	INSTOTECH			
Certificate No. :-	2021/0200			
Validity :-	01/06/2022			
OBSERVATION				
NON-Contact Type				
Cal. Point rpm	Std. Reading rpm	UUC Reading rpm	Error rpm	Expanded Uncertainty
100	100.1	100.6	0.500	± 3.0 rpm,
5000	5001	5002	1.000	± 5.0 rpm,
10000	10115	10109	-6.000	± 10.0 rpm,
20000	20548	20538	-10.000	± 15.0 rpm,
40000	42350	42342	-8.000	± 20.0 rpm,
90000	90326	90318	-8.000	± 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.				
4) 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		
 (P.B.Desai) (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		