



GLOBAL TECHNICAL SERVICES

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

Email : globaltechnical007@gmail.com

Mob : 9921239827 / 7276302207 / 9028888728



CC-2957

CALIBRATION CERTIFICATE

1. CUSTOMER :-

ICTC 2 CENTRE
South Goa District Hospital, MADGAON, 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/220930/03
Certificate No. :- GTS/220930/03-001
Date of Received :- 30.09.2022
Date of Calibration :- 30.09.2022
Next Calibration Due On :- 29.09.2023
Issue Date :- 04.10.2022
Calibration method No. :- MECH-WI-07
ULR No :- CC295722000010127F

2. Description of Item

Name :- Centrifuge Range :- 0 to 3500 RPM
Id No :- GSACS/NACP-IV/CEN/ICTC-1/HH/MAR/21-22/02/67 Least Count :- --
Make :- Remi R303 Location :- ICTC LAB
Type :- Knob Sr No :- ZHHN 32104
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	846.4	1	4.20
2	1458	2	1.20
3	2394	3	1.20
4	2808	4	1.20
5	3444	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

RF-55/01



Approved By

SwB

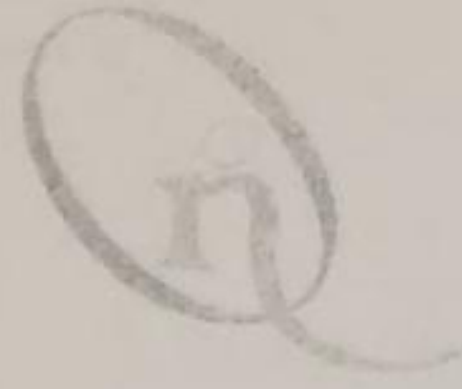
Technical Manager
Swapnil Bhagwat

End of Certificate

Email : globaltechnical007@gmail.com



CC-2294

Nishitronics
Instrumentation

• Service Engineers

• Calibration Services in Industrial Process Control

We work for Customers Satisfaction

CALIBRATION CERTIFICATE				
CUSTOMER :-	Global Technical Services	Page No.	:- 1 of 1	
	Sec. No-25, Plot No-49/3	ULR No.	:- ULR-CC229422000002373F	
	LIG Colony Pradhikaran Nigdi	Discipline	:- Mechanical Calibration	
	Pune-411044	Certificate No	:- NI/2205/059/003	
		Date of issue	:- 24/05/2022	
Amb. Temp	:- 25 ± 2 ° C	Date of receipt	:- 23/05/2022	
Rh.	:- 45 to 75%	Date of calibration	:- 23/05/2022	
Location of calibration	:- LAB	Cal. Req. No.	:- NI/2205/059/003	
Characteristic and	:- OK	Next Due Date	:- 22/05/2023	
Condition of items		Parameter	:- RPM	
		Calibration method no	:- NI / CP / M / 05	
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			
 (R.S. 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			