

CALIBRATION CERTIFICATE


CERTIFICATE NO: SBS/CL/21-22/10521		DISCIPLINE	MECHANICAL	
Calibration Date	23-10-2021			
Calibration Due	22-10-2022			
Customer Name & Address				
GOVERNMENT PRIMARY HEALTH CENTRE, THIRUMAZHISAI, THIRUVALLUR DISTRICT.				
Details of Device Under Calibration (DUC)				
Description	: CENTRIFUGE	Make & Model	: BD INSTRUMENTS & BDI-152	
Range	: 3500 RPM	Sr. No	: 2356	
Least Count	: 1RPM	Asset No	: ---	
DUC Condition	: Satisfactory	Location	: ---	
Environmental Conditions & Standard Operating Procedure Details				
Environmental Details	Temperature: 24.1° C	Relative Humidity	54% Rh	
Calibration Procedure No	SBS/CP/ML/04	Calibration done at	ONSITE	
Reference Standards Details				
S.No	Description	Make/ SI No:	Certificate No	Validity
1	Digital Tachometer	LINE SEIKI / 175-0034V	TMS/20/407 02	12-11-2021

CALIBRATION RESULTS


S.No	DEVICE UNDER CALIBRATION	STANDARD INSTRUMENTS	DEVIATION	EXPANDED UNCERTAINTY in %
	RPM	RPM	RPM	%
1	500	500.1	0.1	0.87
2	1000	1000.5	0.5	0.44
3	2000	2000.6	0.6	0.30
4	3000	3001.0	1.0	1.00
5	3500	3501.4	1.4	0.86

REMARKS

1. This Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
2. The user should determine the suitability of the instrument for its intended use.
3. The recalibration interval should be determined on the user requirement.
4. The results stated in this certificate relate only to the item calibrated.
5. The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor k=2.00.
6. Equipment used for calibration were calibrated & traceable to National & International Standards

Calibrated By

 (Calibration Engineer)
 M. BALAJI



Authorised Signatory

 (Technical Manager) (Chief Executive)