



## CALIBRATION CERTIFICATE

|  |                                |                        |                                  |            |
|--|--------------------------------|------------------------|----------------------------------|------------|
| CERTIFICATE NO:  | SBS/CL/23/12326                | MECHANICAL             | Page No 1 of 1                   |            |
| Issue Date   | 30-09-2023                     |                        |                                  |            |
| SRF No & Date  | SRF/23/00510-0001 & 29-09-2023 |                        |                                  |            |
| Receipt Date   | 29-09-2023                     |                        |                                  |            |
| Calibration Date   | 29-09-2023                     |                        |                                  |            |
| Calibration Due  | 28-09-2024                     |                        |                                  |            |
| <u>Customer Name &amp; Address</u>   |                                |                        |                                  |            |
| GOVERNMENT PRIMARY HEALTH CENTRE,<br>K V R NAGAR-641604, TIRUPPUR DISTRICT |                                |                        |                                  |            |
| <b>Details of Device Under Calibration (DUC)</b>                           |                                |                        |                                  |            |
| Description  | CENTRIFUGE                     | Make & Model           | MANISTO RESEARCH INSTRUMENT & NA |            |
| Range  | 4000 RPM                       | Sr No                  | 001                              |            |
| Resolution   | 1 RPM                          | Identification No      | NA                               |            |
| DUC Condition  | Satisfactory                   | Location               | LABORATORY                       |            |
| <b>Environmental Conditions &amp; Standard Operating Procedure Details</b> |                                |                        |                                  |            |
| Environmental Details  | Temperature: 25.3°C            | Relative Humidity      | 55% Rh                           |            |
| Calibration Procedure No   | SBS/CP/ML/04                   | Calibration done at    | ONSITE                           |            |
| <b>Reference Standards Details</b>   |                                |                        |                                  |            |
| S No   | Description                    | Make/ SI No:           | Certificate No                   | Validity   |
| 1  | Digital Tachometer             | LINE SEIKI / 175-0034V | JRPM-CCTR-A&S-2023-0013          | 09-06-2024 |

### CALIBRATION RESULTS

| S.No | DEVICE UNDER CALIBRATION | STANDARD INSTRUMENTS | DEVIATION | EXPANDED UNCERTAINTY |
|------|--------------------------|----------------------|-----------|----------------------|
|      | RPM                      | RPM                  | RPM       | %                    |
| 1    | 1000                     | 999.2                | 0.8       | 4.2                  |
| 2    | 2000                     | 1999.7               | 0.3       | 4.2                  |
| 3    | 3500                     | 3499.6               | 0.4       | 4.2                  |

### 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 RAGUL



Authorised Signatory  
 (Quality Manager)     Chief Executive  
 (C. SIVABALAN)

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