

# MK BEST CALIBRATION SERVICES



एमके बेस्ट केलिब्रेशन सर्विसेस

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## CERTIFICATE OF CALIBRATION



|                     |                       |                |              |
|---------------------|-----------------------|----------------|--------------|
| Certificate No      | : MKBN/22/07/0605-001 | Date of Issue  | : 08.07.2022 |
| Date of Calibration | : 08.07.2022          | Recom.Due Date | : 07.07.2023 |

| CUSTOMER INFORMATION                      |   | UNIT UNDER CALIBRATION   |                   |
|---|---|--------------------------|-------------------|
| <b>Customer Details</b>                   | : | <b>Description</b>       | <b>CENTRIFUGE</b> |
| M/s: RAJ LAB SERVICES,                    |   | <b>Range</b>             | 3500 rpm          |
| NO : 145 A, S.V. KOIL STREET, PERAVALLUR, |   | <b>Resolution</b>        | ---               |
| CHENNAI - 82.                             |   | <b>Make</b>              | ---               |
|   |   | <b>Model</b>             | C-852             |
|   |   | <b>Identification No</b> | RAJLAB/EQP/CB/001 |
|   |   | <b>Serial No</b>         | ZDLN - 37006      |
|   |   | <b>Manufacturer Name</b> | REMI              |

| S.No | Description        | Id.No/SI. No          | Traceability       | Certificate No        | Validity   |
|------|--------------------|-----------------------|--------------------|-----------------------|------------|
| 01   | Digital Tachometer | MK/CAL-222 / S3335767 | National Standards | CRMTL/01/421103387-A5 | 20.10.2022 |

| ENVIRONMENTAL CONDITIONS |         | REFERENCE STANDARD & ACCEPTANCE LIMIT |      |
|--------------------------|---------|---------------------------------------|------|
| Temperature              | 20.4°C  | Uncertainty ± °C                      | 1.57 |
| Humidity                 | 52 % RH |                                       |      |

### CALIBRATION RESULTS

| S.NO | Standard Reading rpm | UUC Readings rpm | Error rpm |
|------|----------------------|------------------|-----------|
| 1    | 1072                 | 1100             | 28        |
| 2    | 1534                 | 1600             | 66        |
| 3    | 2028                 | 2100             | 72        |
| 4    | 2512                 | 2600             | 88        |
| 5    | 3462                 | 3500             | 38        |

#### Remarks :

- The Expanded Uncertainty associated with the results are calculated at a confidence level of approximately 95% with a Coverage factor k=2.
- The above UUC was Calibrated at Site.

Calibrated by

S.Chandra Bose  
(Calibration Engineer)

Authorised By

L.Magesh  
(MD/QM)



THE STANDARD INSTRUMENTS USED ARE TRACEABLE TO NABL

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION ISO 9001 : 2015.