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|---|---|--|-------------------------------|-----------------------|---------------------|
| Certificate No  | <b>TC240706</b>   |  | Unique Lab Report (ULR) ID    | <b>TC240701/01/02</b> |                     |
| Date of Calibration   | <b>7/1/2024</b>   |  | Recommended Next Due Date*    | <b>7/1/2025</b>       |                     |
| Receipt / WRF No.   | <b>TC240701/05</b>  |  | Date of DUC Received          | <b>7/1/2024</b>       |                     |
| Certificate Issue Date  |   |  | Calibration Performed at      | <b>Lab</b>            |                     |
| <b>Details of Customer</b>  |   |  |                               |                       |                     |
| Name  | <b>Caliper testing 12323</b>  |  |                               |                       |                     |
| Address   | Caliper testing 12323   |  |                               |                       |                     |
| Ref. Doc. No. (GP/PO)   | 23809123u8293u  |  |                               |                       |                     |
| Date of Doc.  |   |  |                               |                       |                     |
| <b>Details of Device under Calibration (DUC)</b>  |   |  |                               |                       |                     |
| Nomenclature  |   |  |                               |                       |                     |
| Range of Meter  |   | Mfg. Serial No   | <b>USIS/2021/01/240</b>       |                       |                     |
| Resolution  | <b>0.1 m<sup>3</sup>/hr</b>   | Identification No  | <b>0</b>                      |                       |                     |
| Size  | <b>50 NB (2")</b>   | Model No   | <b>EMAG 123 567</b>           |                       |                     |
| Make  | <b>UTKARSH SCIENTIFIC INSTRUMENT ENTS(USIS)</b>   | Condition of DUC   | <b>Good</b>                   |                       |                     |
| <b>Details of Calibration Masters and Traceability</b>  |   |  |                               |                       |                     |
| Lab ID  | Description of Master   | Traceability   |                               |                       |                     |
| TEQ33   | Mass Flow meter, Make: Krohne, Model: IFS4000, Size: DN50, Serial No. G140000008505124, Range: 0 to 50 m <sup>3</sup> /hr | Traceable to National Standard through NABL Lab Certif. No CC-2400, Mumbai, Certificate No. 2023-24/CFC/MUM/334/2, Cal Date : 11/09/2023, Valid up to 11/09/2024 |                               |                       |                     |
| <b>Details of Calibration Procedure and Reference Documents</b>   |   |  |                               |                       |                     |
| Lab Procedure   |   | Method of Calibration  |                               |                       |                     |
| Lab Procedure No. : COP/005-01  |   | The calibration of DUC was carried out by comparison with Standard flow meter by using Calibration Liquid as Water   |                               |                       |                     |
| Calibration Method is generally based   |   | NABL 129-2019  |                               |                       |                     |
| <b>Details of Environment Condition at the Time of Calibration</b>  |   |  |                               |                       |                     |
| Temperature   |   | 30 °C  | Relative Humidity             |                       | 57 % Rh             |
| Temperature of Calibration Liquid   |   | 24.55 °C   | Density of Calibration Liquid |                       | 1.0 ± 0.002 Sp. Gr. |
| <b>Uncertainty of Measurement</b>   |   | refer next page  |                               |                       |                     |
| <p>"The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor <math>k = 2</math> such that the coverage probability corresponds to 95.45% confidence level</p> <p><b>DISCIPLINE : FLUID FLOW CALIBRATION</b></p> <p><b>GROUP : FLOW MEASURING DEVICES</b></p> |   |  |                               |                       |                     |