|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  | |

**CALIBRATION CERTIFICATE**

|  |  |  |
| --- | --- | --- |
| **CUSTOMER NAME & ADDRESS:**  **M/s. ATC LIMITED**  NO. 35 Rajaji Nagar  Hosur -635126 |  |  |
|  |  |
|  |  |
|  |  |
| **INSTRUMENT DESCRIPTION**  Make : Protech Humidity & Temperature Monitor  Model : PT-Env18  SI. No : BAS-HM-101  Range : 0 to 100° C &30- 90RH%  ID No : LE |  |  |
| **Reference No** | PRT:8014/2021-2022 |
| **Date of Calibration** | 04.08.2021 |
| **Recommended Due Date** | 03.08.2022 |
| **Environmental condition** | Temperature : 0 -100 0 C |
| Relative Humidity : 30-90% |
| **Instrument Condition** | Good |

|  |  |
| --- | --- |
| **Standard / Calibration Used** | **Traceable to** |
| TESTO 625 Thermo hygrometer  Sl.No:62936315 | Trace able to National Standards  Cert No: 012101349  Due Date: 02.08.2022 |

The Calibration used is traceable to national standards

**CALIBRATION RESULTS**

**TEMPERATURE (°C)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SL.No** | **Standard Readings** | **UUC Readings** | **Deviation** | **Max Error** |
| 1 | 15.2 | 15.1 | -0.1 | ±0.3°C |
| 2 | 25.1 | 25.3 | +0.2 | ±0.3°C |
| 3 | 55.3 | 55.1 | -0.2 | ±0.3°C |
| 4 | 97.2 | 97.4 | +0.2 | ±0.3°C |

**HUMIDITY (RH %)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No** | **Standard Readings** | **UUC Readings** | **Deviations** | **Max Error** |
| 1 | 95 | 92 | -3 | ±5% |
| 2 | 63 | 61 | -2 | ±5% |
| 3 | 43 | 45 | +2 | ±5% |
| 4 | 73 | 76 | +3 | ±5% |

**Remarks**: *All Parameters are well within the acceptable*

Calibrated by

Date: 04.08.2021