**LAB NAME & LOCATON:** -

**CALIBRATION AND MEASUREMENT CAPABILITY (CMC)\***

| **MEASURED QUANTITY or DEVICE TYPE CALIBRATED** | **RANGE** | **UNCERTAINTY1,2 (±)** | **CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT USED (OPTIONAL)** |
| --- | --- | --- | --- |
| ***Dimensional*** | | | | |
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|  |  |  |  |
| ***Mechanical*** | | | | |
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|  |  |  |  |
| ***Thermal*** | | | |
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| ***Electrical – DC/LF*** | | | |
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|  |  |  |  |
| ***Time and Frequency*** | | | |
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|  |  |  |  |
| ***RF/Microwave and Electromagnetics*** | | | |
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| ***Optical Radiation*** | | | |
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|  |  |  |  |
| ***Chemical/Gas*** | | | |
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|  |  |  |  |
| ***Biomedical*** | | | |
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|  |  |  |  |
| ***Other*** | | | |
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1The uncertainty covered by the Calibration and Measurement Capability (CMC) is expressed as the expended uncertainty having a coverage probability of approximately 95 %. It is the smallest measurement uncertainty that a laboratory can achieve within its scope of accreditation when performing calibrations of a best existing device. The measurement uncertainty reported on a calibration certificate may be greater than that provided in the CMC due to the behavior of the calibration item and other factors that may contribute to the uncertainty of a specific calibration.

2When uncertainty is stated in relative terms (such as percent, a multiplier expressed as a decimal fraction or in scientific notation), it is in relation to instrument reading or instrument output, as appropriate, unless otherwise indicated.

3Capability is suitable for the calibration of measuring devices in the stated ranges.

4Capability is suitable for the calibration of devices intended to generate the indicated quantity in the stated ranges.

**LABORATORIES MAY ADD OR DELETE ROWS AS NECESSARY**