

**Laboratory** SBEM Flow Laboratory, Unit No. 9, Bibwewadi Industrial Estate,  
 691/A/2, Pune Satara Road, Pune, Maharashtra  
**Accreditation Standard** ISO/IEC 17025: 2005  
**Certificate Number** CC-2440 **Page** 1 of 1  
**Validity** 30.10.2017 to 29.10.2019 **Last Amended on** -

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability ( $\pm$ )	Remarks
<b><u>FLUID FLOW CALIBRATION</u></b>				
<b>I. FLOW MEASURING DEVICES</b>				
1.	Liquid Volume Flow Rate (Water) <sup>§</sup>	1.5 m <sup>3</sup> /hr to 220 m <sup>3</sup> /hr	0.5 %	Using Calibration Rig Consisting of Balance 3000 Kg, Divretor, Density Measuring Device, Timer, Pulse Counter Weighing Method as per ISO 4185 Standard Collected Liquid Mass range 500 kg to 3000 kg

\* Measurement Capability is expressed as an uncertainty ( $\pm$ ) at a confidence probability of 95%

§ Only in Permanent Laboratory

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Vishal Shukla  
Convenor

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Avijit Das  
Program Director