

**Laboratory** Testing and Calibration Laboratories, R & D Centre, BEML Ltd., Kolar Gold Fields, Karnataka  
**Accreditation Standard** ISO/IEC 17025:2005  
**Discipline** Fluid Flow Calibration **Issue Date** 03.02.2015  
**Certificate Number** C-0145 **Valid Until** 12.01.2017  
**Last Amended on** - **Page** 1 of 1

Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability ( $\pm$ )	Remarks
1. Volume Flow Rate (Oil Medium) <sup>\$</sup>	5 lpm to 10 lpm	$\pm 0.32$ %	Using Load Cell as per ISO 4185-2003
	10 lpm to 800 lpm	$\pm 0.22$ %	
2. Fluid Flow volume (Oil Medium) <sup>\$</sup>	100 l to 900 l	$\pm 0.22$ %	Using Load Cell as per ISO 4185-2003
3. Fluid Flow Mass Flow Rate (Oil Medium) <sup>\$</sup>	9 kg/min to 700 kg/min	$\pm 0.22$ %	Using Load Cell as per ISO 4185-2003
4. Fluid flow Mass (Oil Medium) <sup>\$</sup>	88 kg to 780 kg	$\pm 0.22$ %	Using Load Cell as per ISO 4185-2003

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

<sup>\$</sup>Only in Permanent Laboratory

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