



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

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CALIBRATION LABORATORIES

NVLAP LAB CODE 200813-0
Scope Revised: 2011-08-19

MECHANICAL

NVLAP Code: 20/M05
Flow Rate (Hydrocarbon Fluids Only)^{Note2,3}

Range in m³/h	Best Uncertainty (±) in % ^{note 1}	Remarks
10 to 750	0.03	Brooks Small Volume Prover
10 to 750	0.04	One Master Meter
150 to 2200	0.04	10 Cubic Meter Prover Volume
50 to 200	0.07	3.3 Cubic Meter Prover Volume
300 to 2000	0.09	One Master Meter
600 to 3900	0.08	Two Master Meters

1. Represents an expanded uncertainty using a coverage factor, $k = 2$, at an approximate level of confidence of 95 %.
2. The laboratory performs calibrations of pulse generating flow meters.
3. The laboratory performs volumetric flow calibrations only (not mass flow).

2011-07-01 through 2012-06-30

Effective dates

Sally S. Bruce

For the National Institute of Standards and Technology