



Accredited laboratory as per ISO/IEC 17025:2017 by NABL

CALIBRATION CERTIFICATE
ULR No : CC-35262300000051F

Certificate No:	IPC-01092023-051	Issue Date:	01-09-2023
Customer Name:	NCQC- National Centre for Quality Calibration		
Address:	4.Abhishree Corporate Park, Nr.Svगत Bunglow BRTS, Iskcon-Ambli Road, Ambli, Ahmedabad - 380058		

Equipment for Calibration (UUC)

Equipment Name :	Portable Liquid Ultrasonic Flow meter
Make/Model No :	NAGMAN / SONICNAG-H-S.M
Range	Upto 1035 m3/hr
Least Count :	0.1 m3/hr
ID No. / Serial No :	81803849H
Sensor Serial No :	L2
Date of Receipt of UUC	30-08-2023
Visual Inspection :	Good
Date of Calibration :	01-09-2023
Suggested Due Date	31-08-2024
Date of Issue :	01-09-2023
Medium of Calibration :	Water

Environmental Conditions

Temperature :	28°C
Humidity :	48 % RH

Equipment & Master used for Calibration

Equipment Name :	400 mm Reference meter
Make :	Addmas
Serial No :	FE-5298-VE
Certificate No :	C/FC/230609001
Next Due Date :	08-06-2024
Traceability :	Chandhok Engineering Pvt. Ltd

OBSERVATION TABLE

S. No	Standard Reading (m3/hr)	Measured Reading (UUC) m3/hr	Line Temperature (°C)	Line Pressure (bar)	Error (%)	Expanded Uncertainty (%) 95% CL, K=2
1	613.6	617.0	30	0.6	0.55	0.41
2	745.2	749.4	30.1	0.7	0.56	0.40
3	884.6	890.2	30.2	0.8	0.63	0.40
4	998	1005.2	30.3	0.9	0.72	0.40

K factor of sensor L2 = 0.989

Calibration Method : Comparison with another Standard reference meter (400 mm Electromagnetic Flow meter)

Note :

- The calibration results reported in this certificate are valid at the time of and the stated condition of measurement.
- The report should not be reproduced except in full without our prior permission in writing.
- Calibration certificates without signature are not valid.

Calibrated By

Mr. Ankit Tank
Calibration Engineer

NCQC
Valid up to 31-08-2024
Reviewed

Authorized Signatory

Mr. Divyang Patel
TM/QM

Revision No: 01
Date : 25.01.23

Issue No.01
Date 22.11.2023

Format No: F 31 (7.8-01)

NCQC System Certificate No 35216

NCQC
Valid up to 31-08-2024
Reviewed

Water • Liquid • Air • Gas • Steam

NCQC System Certificate No 35216