



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

CALIBRATION CERTIFICATE

ULR No : CC-35262300000047F

Certificate No:	IPC-01092023-047	Issue Date	01-09-2023
Customer Name :	NCQC- National Centre for Quality Calibration		
Address :	4, Abhishree Corporate Park, Nr. Swagat Bunglow BRTS, Iskcon-Ambli Road, Ambli, Ahmedabad -380058		

Equipment for Calibration (UUC)	
Equipment Name:	Portable Ultrasonic Flow Meter @ 80 mm
Make/Model No.	NAGMAN/SONICNAG-H-S.M
Calibration Range	Upto 60 m3/hr
Least Count	0.0001 / 0.001 m3/hr
Id No./ Serial No.	NCQC-M182 / 81803849H
Sensor Serial No:	S2
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 : Weighing Balance 4000 kg	Equipment : Timer
Make : Themes Side	Make : Autonics
ID No: WT-1-0	Serial No : VB-18CR
Certificate No: EWS-1222-1282	Certificate No: CC/ECL/0521/23-24
Next Due Date : 29.12.2023	Next Due Date : 15.08.2024
Traceability: Maruti Weigtech Pvt. Ltd	Traceability: IDEMI, Mumbai
Equipment : Density Hydrometer	
Make : Leimco	
Serial No: X-041360	
Certificate No: 230216/04/SPG	
Next Due Date : 15.02.2024	
Traceability: N.P.K Founders	

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	33.50	33.597	30 °C	0.4	0.29	0.18%
2	41.22	41.361	30 °C	0.4	0.34	0.18%
3	50.39	50.753	31 °C	0.4	0.72	0.18%
4	54.71	55.152	31 °C	0.5	0.81	0.18%

K factor of Sensor S2 = 1.134

Reference Document for Calibration: ISO 4185 (Gravimetric method)

Note:

1. The Calibration results reported in this certificate are valid at the time of the stated condition of measurement.
2. This report should not be reproduced except in full without prior permission in writing.
3. Calibration certificates without a signature are not valid.

Calibrated By

Mr. Ankit Tank
Calibration Engineer

NCQC

Valid up to 31-08-2024

Reviewed [Signature]

Authorized Signatory

Mr. Divyang Patel
(TM/QM)

Revision No.01
Date. 25.01.23

Issue No.01
Date. 22.11.2021

Format No: F 31 (7.8-01)

NCQC

Valid up to 31-08-2024

Reviewed [Signature]

NCQC System Certificate No. 352/24

Water • Liquid • Air • Gas • Steam

NCQC System Certificate No. 352/24