



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

**CALIBRATION CERTIFICATE**  
ULR No : CC-35262300000049F

Certificate No:	IPC-01092023-049	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 200 mm
Make/Model No.	NAGMAN/SONICNAG-H-S.M
Range	Upto 400 m <sup>3</sup> /hr
Least Count	0.01 m <sup>3</sup> /hr
Id No./ Serial No.	81803849H
Sensor Serial No:	M2
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 12000 kg	Equipment : Timer
Make : Themes Side	Make : Autronics
ID No: WT-5-0	Serial No : VB-18CR
Certificate No: EWS-1222-1283	Certificate No: CC/ECL/0521/23-24
Next Due Date : 29.12.2023	Next Due Date : 15.08.2024
Traceability: Maruti Weightech 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 (m <sup>3</sup> /hr)	Measured Reading (UUC) m <sup>3</sup> /hr	Line Temperature (°C)	Line Pressure (bar)	Error (%)	Expanded Uncertainty (%) @ 95% CL, K=2
1	122.5	122.72	31.1 °C	0.5	0.19	0.18%
2	138.8	139.73	31.2 °C	0.6	0.67	0.18%
3	144.4	145.46	31.2 °C	0.7	0.71	0.18%
4	153.4	154.61	31.2 °C	0.8	0.79	0.18%

K factor of Sensor M2 = 1.023  
Reference Document for Calibration: ISO 4185

**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

Authorized Signatory  
  
Mr. Divyang Patel  
(TM/QM)

Revision No.01

Issue No.01

Format No: F 31 (7.8-01)

NCQC  
Valid up to 31-08-2024  
Reviewed

NCQC System Certificate No. 352/4

Water • Liquid • Air • Gas • Steam

NCQC System Certificate No. 352/4