

Name & Address of Client M/s: AAB Heat Exchangers Pvt. Ltd. Plot No.375, Sector-24, Faridabad, Haryana-121005.	Certificate No.	40128127
	ULR No.	CC273324400012257F
	Date of Issue	03/08/2024
	Date of Calibration Start & End	02/08/2024 - 02/08/2024
	Recommended Due Date	02/08/2025
	Service request No & Date	SO24-19935 - 31/07/2024

Instrument Details			
Instrument/Parameter Name	Pressure Gauge	Accuracy/Acceptance Criteria	Not Specified
Equipment/ Machine	N/A	Least Count/Resolution	0.4kg/cm ²
Equipment Location	Not Specified	Calibrated At	Lab
Make/Model	Micro	Condition of UUC on Receipt	Good
Sr.No.	MPC-255145T		
ID.No.	N/A		
Range/Size	0 to 42kg/cm ²		

Master Equipment Used [Reference Standard/Working Standard]							
Sr. No.	Instrument Name	ID/Sr.No	Accuracy/ Acceptance Criteria	Uncertainty	Certificate No.	Calibrated By	Due Date
1	Digital Pressure Gauge	BELZ/MV/PG-15/NVEM2003144	±0.05%FS	As Per Certificate	VIS/23-24/M-0323	Vijay Inst. (NABL. CC-2695)	20/03/2025

Environmental Condition	Temperature(°C)	23±2	Calibration Method	CI(MS)-03,DKD-R 6-1
	Relative Humidity(%RH)	40 to 60		

Calibration Results				
Sr. No.	Unit Under Calib.in (kg/cm ²)	Std.Inc.Pressure in (kg/cm ²)	Std.Dec.Pressure in (kg/cm ²)	Expanded Uncertainty(±) (kg/cm ²)
01	0.0	0.000	0.000	±0.265
02	10.0	10.016	10.015	
03	20.0	20.025	20.017	
04	30.0	30.043	30.037	
05	40.0	40.053	40.047	
06	42.0	42.063	---	

The Expanded Uncertainty of measurement was evaluated at a confidence-level of 95.45% with coverage factor, k=2 for a normal probability distribution.

UUC-Unit Under Calibration

Remarks: Status report only.

	Notes: 1. This Certificate refers only to the particular item submitted for calibration. 2. This Certificate shall not be reproduced, except in full, without the written permission of Chief Executive Belz Instruments Pvt. Ltd., FARIDABAD. 3. Results Reported are valid at the time of and under the stated conditions of measurement. 4. Calibration Certificates issued for Weight & Measure parameters i.e. Mass, Balance, Volumetric equipment, Measuring Scales / Tapes etc. are for scientific purpose only and should not be used for Trade / Commercial use. 5. UUC has been calibrated against lab standards whose values are traceable to SI units through reference standards, calibrated by NPL / NABL Accredited Labs.	Calibrated by: Ashwani Calibration Engg.
	Approved by: N.K.Nehra/A.K. Nehra/ Vaishali Nehra Quality/Technical/Dy. Technical Manager	