

भारत मौसम विज्ञान विभाग

जलवायु अनुसंधान एवं सेवाएँ प्रमुख का कार्यालय
(सतह उपकरण अनुभाग)
शिवाजीनगर, पुणे - 411005



भारत सरकार

GOVERNMENT OF INDIA

INDIA METEOROLOGICAL DEPARTMENT

Office of the Head Climate Research & Services
(Surface Instruments Division)
Shivajinagar, Pune - 411005

Laboratory test report

No.: 8331

ORIGINAL

1. Name and type of the instrument : Ultrasonic Anemometer.
2. Identification No. : Sr. No. GPU A0726000001.
3. Make : Gujranwala Projects.
4. Model : GPU A-V0726
5. Supplied By : Gujranwala Projects.
6. Calibrated for : Gujranwala Projects.
7. Calibrated range : 0 – 52.0 mps.
8. Calibration (Wind tunnel test) : i) Speed

S. No.	True speed (mps)	Mean Indicated speed (mps)	Correction (mps)
1	1.9	2.3	-0.4
2	3.7	4.0	-0.3
3	5.9	6.3	-0.4
4	8.6	9.2	-0.6
5	17.8	18.4	-0.6
6	29.9	30.0	-0.1
7	42.7	43.1	-0.4
8	51.3	52.0	-0.7

ii) Wind Direction (Wind Tunnel Speed at 10 mps.)

True Direction	Indicated (°)
North	000
East	090
South	180
West	270

REMARKS:

- (a) The above instrument has been calibrated against the standards maintained in the Instruments Division, Meteorological Office, Pune.
- (b) Observed corrections for anemometer are indicated above.
(Acceptable limits of tolerance ± 0.14 mps up to 5.5 mps. And $\pm 2\%$ beyond).
- (c) Wind directions indicated by the sensor are found to be within the acceptable limits of Tolerance of $\pm 2^\circ$.

Validity of calibration: ONE YEAR.

Tested by: Mukesh Kumar.

Date: 12-08-2026.

[Signature]
13-8-2026

(U.K. Shende)
Scientist 'F'

Surface Instruments Division
for Head CR & S