

FIELD TEST REPORT on CALIBRATION AND INTER COMPARISON WITH TRAVELLING STANDARD KIT of DCWIS at RWY 28

1. Name of instrument/sensor: Wind Direction
2. Serial Number:
3. Make and Model:
4. Field test observations:

Date and time (IST)	Observed Value of sensor in Data logger (Degree)	Observed Value in travelling standard kit (Degree)	Difference (Degree)
15.11.2025: 10:30	303	310	+7
15.11.2025: 11:30	294	290	-4
15.11.2025: 14:30	302	297	-5
15.11.2025: 17:30	265	260	-5
Mean difference			+ 1.75
Accuracy required as per ICAO			$\pm 10^\circ$

1. Name of instrument/sensor: Wind Speed
2. Serial Number:
3. Make and Model:
4. Field test observations:

Date and time (IST)	Observed Value of sensor in Data logger (Knot)	Observed Value in travelling standard kit (Knot)	Difference (Knot)
15.11.2025: 10:30	2.5	2.3	-0.2
15.11.2025: 11:30	4.1	4.4	+0.3
15.11.2025: 14:30	6.4	6.1	-0.3
15.11.2025: 17:30	0.8	0.6	-0.2
Mean difference			-0.1
Accuracy required as per ICAO			± 0.5 m/s (1 kt) up to 5 m/s (10 kt) $\pm 10\%$ above 5 m/s (10 kt)

Remarks:

- i) The above instruments/sensor are field tested against Travelling standards traceable to the standards maintained at Surface laboratory, Surface Instruments Division, CRS, Pune.
- ii) Above field test report is valid for **six months**.

AMS Gaya

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21/11/2025

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