

Tel. / दूरध्वनी : (020) 25572429 Fax / फॅक्स : (020) 25521529

: ddgmsi@imd.gov.in

भारत मौसम विज्ञान विभाग

मौसम विज्ञान के उप-महानिदेशक (सतह उपकरण) का कार्यालय शिवाजीनगर, पुणे-411005

INDIA METEOROLOGICAL DEPARTMENT

Office of the Deputy Director General of Meteorology (Surface Instruments) Shivajinagar, Pune 411 005

Laboratory Test Report

6211 No .:

> 1. Name and type of the instrument

2. Identification No.

3. Make

4 Calibrated for

5. Housing

(a)Material of the housing

(b)General workmanship & finish

(c)Bearing and Gear (d) Diameter of cups

(e)Length of arms

6. Balance of cups

7. Test of Friction Threshold Speed 8.

CUP COUNTER ANEMOMETER

Sr.No. 301/16

M/s RAMKALA

M/s RAMKALA Manufacturers, Pune

Satisfactory

Satisfactory

Satisfactory

Satisfactory

Satisfactory Satisfactory

Satisfactory

1.9 Kmph

9. Calibration (Wind tunnel test):

(i) Speed:

S. No.	True speed	Indicated speed	Correc	tions
	(Kmph)	(Kmph)	Actual	%
1	1.9	1.0	+0.9	
2	4.8	4.3	+0.5	
3	8.3	7.4	+0.9	
4	14.7	14.4		+2
5	31.7	31.9		-1
6	64.0	67.1		-5
7	90.4	95.4		-5
8	116.0	123.2		-6

REMARKS:

- The above instrument has been calibrated against the standards maintained in the Instruments (a) Division, Meteorological Office, Pune.
- The results of the calibration shows that speeds indicated by the anemometer are found to be within the (b) acceptable limits of tolerance (±1Kmph up to 10 Kmph and ± 10% beyond) confirming to cl.8.4 of IS: 5912:-1997 (First Revision).

Validity of calibration : ONE YEAR

Tested by:

Date: 23/06/2016



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INDIA METEOROLOGICAL DEPARTMENT

Office of the Deputy Director General of Meteorology (Surface Instruments) Shivajinagar, Pune 411 005

RIGINAL

0031

Laboratory Test Report

1. Name of the instrument : SUNSHINE RECORDER

2. Identification No. : 176/2016

3. Make : M/s SAN ENGINEERING & PLASTICS,

4. Calibrated for : M/s RAMKALA, PUNE

5. General appearance : Satisfactory

5. Material of the base : Satisfactory
6. Mounting system:

5. Mounting system:
(a) Sphere support : Satisfactory

(b) Bowl : Satisfactory
(c) Groove for cards : Satisfactory

7. Quality of glass sphere : Satisfactory

8. Diameter of glass sphere : Satisfactory

9. Locking system : Satisfactory

10. Latitude scale : Satisfactory

- 11. Quality of burn : Satisfactory

Remarks:

- (a) The above instrument has been tested in the Surface Instrument Division for conformity to IS:7243-1974 and it is found to be functionally satisfactory.
- (b) Copy of the manufacturer's undertaking regarding material used for the various parts is on the reverse.

[Received testing charges Rs. 1,865/- (Rupees One thousand eight hundred sixty five only)]

Tested by:

Date: 30-07-2016

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ISO 9001:2008 CERTIFIED

भारत सरकार GOVERNMENT OF INDIA

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INDIA METEOROLOGICAL DEPARTMENT

Office of the Deputy Director General of Meteorology (Surface Instruments) Shivajinagar, Pune 411 005

0699

No .:

Laboratory Test Report

1. Name of the instrument

SOIL THERMOMETER (30cm depth)

(Hg in glass)

2. Identification No.

16479

ORIGINAL

3. Make

Venus

4. Calibrated for

: RAMKALA PUNE

5. Range

-20° to +65°C (Calibrated range:-20° to 50°C)

6. Least count

0.5°C

7. Comparison results

(Compared with Standard Digital Thermometer make Tinsley, UK)

S. No.	Standard reading °C	Indicated reading °C	Correction °C
1	-15.0	-15.0	0.0
2	0.0	0.0	0.0
3	15.0	15.2	-0.2
4	30.0	29.9	+0.1
5	45.0	45.0	0.0

Remarks:

- (a) The above thermometer has been calibrated in the laboratory against the Standard digital thermometer make Tinsley, UK, Sensor No. 22047/2 and Indicator No. 060917, whose calibration is traceable to NPL, New Delhi standard vide certificate No. 13100820/D5.03/C-008 dt. 12.05.2014.
- (b) Indicated readings are approximated to 0.1°C using standard telescope.
- (c) Corrections obtained are as above.

(Accepted limits of tolerance: Below 0°C: ±0.2 °C, Above 0°C: ±0.1°C)

Validity of calibration: ONE YEAR

[Received testing charges Rs. 980/- (Rupees Nine hundred eighty only) + 12.36 %

service tax]

Tested/calibrated by:

Date: 25-02-2015



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INDIA METEOROLOGICAL DEPARTMENT

Office of the Deputy Director General of Meteorology (Surface Instruments) Shivajinagar, Pune 411 005

Laboratory Test Report

0703 No .:

> Name of the instrument 1.

SOIL THERMOMETER (30cm depth)

(Hg in glass)

Identification No. 2.

RIGINAL 4896

Make 3.

Venus

Calibrated for 4.

RAMKALA PUNE

5. Range -20° to +65°C (Calibrated range:-20° to 50°C)

6. Least count 0.5°C

Comparison results 7.

(Compared with Standard Digital Thermometer make Tinsley, UK)

S. No.	Standard reading °C	Indicated reading °C	Correction °C
1	-15.0	-15.0	0.0
2	0.0	0.0	0.0
3	15.0	15.2	-0.2
Δ	30.0	30.0	0.0
5	45.0	45.0	0.0

Remarks:

- The above thermometer has been calibrated in the laboratory against the (a) Standard digital thermometer make Tinsley, UK, Sensor No. 22047/2 and Indicator No. 060917, whose calibration is traceable to NPL, New Delhi standard vide certificate No. 13100820/D5.03/C-008 dt. 12.05.2014.
- Indicated readings are approximated to 0.1°C using standard telescope. (b)
- Corrections obtained are as above. (c) (Accepted limits of tolerance: Below 0°C: ±0.2 °C, Above 0°C: ±0.1°C) Validity of calibration: ONE YEAR

[Received testing charges Rs. 980/- (Rupees Nine hundred eighty only) + 12.36 %

service tax

Tested/calibrated by: Shall can

Date: 25-02-2015



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INDIA METEOROLOGICAL DEPARTMENT

Office of the Deputy Director General of Meteorology (Surface Instruments) Shivajinagar, Pune 411 005

IGINAL

Laboratory Test Report

0704

No .:

1. Name of the instrument

SOIL THERMOMETER (15cm depth)

(Hg in glass)

Identification No.

4661

Make

Venus

4. Calibrated for

: RAMKALA PUNE

Range

-20° to +65°C (Calibrated range:-20° to 50°C)

Least count

0.5°C

7. Comparison results

(Compared with Standard Digital Thermometer make Tinsley, UK)

S. No.	Standard reading °C	Indicated reading °C	Correction °C
1	-15.0	-15.4	+0.4
2	0.0	0.2	-0.2
3	15.0	15.2	-0.2
4	30.0	30.0	0.0
5	45.0	44.7	+0.3

Remarks:

- (a) The above thermometer has been calibrated in the laboratory against the Standard digital thermometer make Tinsley, UK, Sensor No. 22047/2 and Indicator No. 060917, whose calibration is traceable to NPL, New Delhi standard vide certificate No. 13100820/D5.03/C-008 dt. 12.05.2014.
- (b) Indicated readings are approximated to 0.1°C using standard telescope.
- (c) Corrections obtained are as above.

(Accepted limits of tolerance: Below 0°C: ±0.2 °C, Above 0°C: ±0.1°C)

Validity of calibration: ONE YEAR

[Received testing charges Rs. 980/- (Rupees Nine hundred eighty only) + 12.36 %

service tax]

Tested/calibrated by:

Date: 25-02-2015

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भारत मौसम विज्ञान विभाग

मौसम विज्ञान के उप-महानिदेशक (सतह उपकरण) का कार्यालय शिवाजीनगर, पुणे-411005

INDIA METEOROLOGICAL DEPARTMENT

Office of the Deputy Director General of Meteorology (Surface Instruments) Shivajinagar, Pune 411 005

No .:

Laboratory Test Report

Name of the instrument 1.

SOIL THERMOMETER (10cm depth)

(Hg in glass)

Identification No. 2.

6231

Venus

Make 3.

Calibrated for 4. Range

RAMKALA PUNE

5.

-20° to +65°C (Calibrated range:-20° to 50°C)

RIGINAL

Least count 6.

0.5°C

Comparison results 7.

(Compared with Standard Digital Thermometer make Tinsley, UK)

	Standard reading °C	Indicated reading °C	Correction °C
S. No.	-15.0	-15.2	+0.2
1		0.2	-0.2
2	0.0	15.4	-04
3	15.0	29.9	+0.1
4	30.0	44.9	+0.1
5	45.0	44.9	

Remarks:

- The above thermometer has been calibrated in the laboratory against the (a) Standard digital thermometer make Tinsley, UK, Sensor No. 22047/2 and Indicator No. 060917, whose calibration is traceable to NPL, New Delhi standard vide certificate No. 13100820/D5.03/C-008 dt. 12.05.2014.
- Indicated readings are approximated to 0.1°C using standard telescope. (b)
- Corrections obtained are as above. (c) (Accepted limits of tolerance: Below 0°C: ±0.2 °C, Above 0°C: ±0.1°C) Validity of calibration: ONE YEAR

[Received testing charges Rs. 980/- (Rupees Nine hundred eighty only) + 12.36 % service tax

Tested/calibrated by: Shoulca'

Date: 25-02-2015



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INDIA METEOROLOGICAL DEPARTMENT

Office of the Deputy Director General of Meteorology (Surface Instruments) Shivajinagar, Pune 411 005

RIGINAL

Laboratory Test Report

No.: 0716

1. Name of the instrument

SOIL THERMOMETER (05cm depth)

(Hg in glass)

2. Identification No.

7243

3. Make

Venus

4. Calibrated for

: RAMKALA PUNE

5. Range

-20° to +65°C (Calibrated range:-20° to 50°C)

6. Least count

0.5°C

7. Comparison results

(Compared with Standard Digital Thermometer make Tinsley, UK)

S. No.	Standard reading °C	Indicated reading °C	Correction °C
1	-15.0	-14.8	-0.2
2	0.0	0.0	0.0
3	15.0	14.8	+0.2
4	30.0	29.8	+0.2
5	45.0	44.7	+0.3

Remarks:

- (a) The above thermometer has been calibrated in the laboratory against the Standard digital thermometer make Tinsley, UK, Sensor No. 22047/2 and Indicator No. 060917, whose calibration is traceable to NPL, New Delhi standard vide certificate No. 13100820/D5.03/C-008 dt. 12.05.2014.
- (b) Indicated readings are approximated to 0.1°C using standard telescope.
- (c) Corrections obtained are as above.

(Accepted limits of tolerance: Below 0°C: ±0.2 °C, Above 0°C: ±0.1°C)

Validity of calibration: ONE YEAR

[Received testing charges Rs. 980/- (Rupees Nine hundred eighty only) + 12.36 % service tax]

Tested/calibrated by:

Date: 25-02-2015

V. Mullie



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भारत मौसम विज्ञान विभाग

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INDIA METEOROLOGICAL DEPARTMENT

Office of the Deputy Director General of Meteorology (Surface Instruments) Shivajinagar, Pune 411 005

Laboratory Test Report

.1338 No.:

..____

1.

Name of the instrument

: GRASS MINIMUM THERMOMETER

(Sprit - in - Glass)

Identification No.

: 1306/15

3. Make

Venus

4. Calibrated for

M/s Ramkala Pune

5 Range

ORIGINAL

-40°C to +50°C

(Calibrated range 0 to 50 °C)

6. Least count

: 0.5°C

7. Comparison results

(Compared with Standard Digital Thermometer make Tinsley, UK)

S.No.	Standard reading °C	Indicated reading °C	Corrections °C
1	5	5.5	-0.5
2	15	15	0
3	25	25	0
4	35	34.8	+0.2
5	45	44.3	+0.7

Remarks:

- (a) The above thermometer has been calibrated in the laboratory against the Standard digital thermometer make Tinsley, UK sensor No. 22047/2 and Indicator No. 060917, whose calibration is traceable to NPL, New Delhi standard vide certificate No. 13100820/D5.03/C-008 dt.12.05.2014.
- (b) Indicated readings are approximated to 0.1°C using standard telescope.

(c) Corrections obtained are as above.

(Accepted limits of tolerance: Below -18°C

: ±0.6°C, Above -18°C: ±0.3°C)

Validity of calibration: ONE YEAR

Tested by: Shoulies

Date: 18-01-2016

(A D Tathe) Scientist - D

for Deputy Director General of Meteorology,



GOVERNMENT OF INDIA

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भारत मौसन विज्ञान विधाग

भीसम विज्ञान के उप-महामिदेशक (सतह उपकरण) का कार्यालय शिवाजीनगर, पुजे-411005

INDIA METEOROLOGICAL DEPARTMENT

Office of the Deputy Director General of Meteorology (Surface Instruments) Shivajinagar, Pune 411 005

Laboratory Test Report

No.: 1445

1. Name of the instrument

: WINDVANE

2. Identification No.

: 205-16

Type

: Mechanical

Make

: M/s RAMKALA, PUNE

5. Calibrated for

M/s RAMKALA MANUFACTURERS,

PUNE

6. Balancing

: Satisfactory

7. Sensitivity

: Satisfactory

ORIGINAL

Remark:

The above instrument has been tested in this office for conformity to the Standard IS:5799-1970 and it is found to be functionally satisfactory.

Validity of Calibration: ONE YEAR

Tested by: U. N. Kulkarni, S. A.

Date: 20-05-2016

Kukowin

(P. A. Kore) Scientist D



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INDIA METEOROLOGICAL DEPARTMENT

Office of the Deputy Director General of Meteorology (Surface Instruments) Shivajinagar, Pune 411 005

Laboratory Test Report

No.: 1484

1. Name of the instrument

RAIN MEASURE

Identification No. 2.

470/16

3. Type 200 cm² Collector

4. Capacity 20 mm Rainfall

5. Make KUMAR

ORIGINAL

Calibrated for 6.

M/s Ramkala Manufacturers, Pune

7. Material

Glass

REMARKS:

- (a) This Rain Measure has been calibrated against the standards maintained in this office for conformity to the Indian Standard IS:4849-1992 (First Revision) and it is found to be functionally satisfactory.
- The result of the calibration shows that the rainfall values indicated by this rain measure (b) are within the tolerance limits (±0.1 mm) specified in IS:4849-1992 (First Revision).

Validity of Calibration: Two Years

Calibrated by: K. Suma Vijaykumar, S. A.

Date: 15-07-2016



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भारत भौसम विज्ञान विभाग

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INDIA METEOROLOGICAL DEPARTMENT

Office of the Deputy Director General of Meteorology (Surface Instruments) Shivajinagar, Pune 411 005

Laboratory Test Report

No.: 1503

1. Name of the instrument : NON RECORDING RAINGAUGE

2. Identification No. : 125/16

3. Type : 200 cm² collector area

4. Nominal measuring capacity : 200 mm rainfall

5. Make : M/s RAMKALA MANUFACTURERS,

PUNE

6. Calibrated for : M/s RAMKALA MANUFACTURERS,

PUNE

7. Material:

(a) Base and collector : Fibreglass Reinforced Plastic

(b) Rim of the collector : Gun metal

(c) Bottle : Plastic (d) Additional overflow cylinder : Plastic

ORIGINAL

8. Mean diameter of the collector rim : 159.6 mm _ Satisfactory

9. Capacity of receiver bottle : 4 Litres

Remarks:

- (a) The above raingauge has been tested in this office for conformity to IS: 5225-1992 (First Revision) and it is found to be functionally satisfactory.
- (b) The mean diameter of the collector rim is found to be within the tolerance limits specified in IS: 5225-1992 (First Revision). [159.6 mm ± 0.2 mm]

Tested by: U. N. Kulkarni, S. A.

Kukalem

Date: 27-07-2016

(U. K. Shende) Scientist - D



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भारत पौसम विज्ञान विभाग

योसम विज्ञान के उप-महानिदेशक (सतह उपकरण) का कार्यालय शिवाजीनगर, पुणे-411005

INDIA METEOROLOGICAL DEPARTMENT

Office of the Deputy Director General of Meteorology (Surface Instruments) Shivajinagar, Pune 411 005

Laboratory Test Report

No.: 1576

3.

1. Name of the instrument

Identification No.

THERMOMETER SCREEN

2. Type

Large

: 2002-17

4. Make

M/s Ramkala Manufacturers, Pune

5. Calibrated for

: M/s Ramkala Manufacturers, Pune

Remarks:

- (a) The above instrument has been tested for conformity to IS: 5948-1970 and it is found to be functionally satisfactory.
- (b) The measured dimensions have been found to be within the tolerance limits specified in the Indian Standard IS: 5948-1970.

Validity of Inspection: ONE YEAR

Tested by: U. N. Kulkarni, S. A.

Kaen

Date: 10-01-2017

(U. K. Shende) Scientist - D



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भारत भौसम विज्ञान विभाग

मौसम विज्ञान के उप-प्रहातिदेशक (सतह उपकरण) का कार्यालय शिवाजीनगर, पूर्व-411005

INDIA METEOROLOGICAL DEPARTMENT

Office of the Deputy Director General of Meteorology (Surface Instruments) Shivajinagar, Pune 411 865

1577

No .:

Laboratory Test Report

1. Name of the instrument

: THERMOMETER SCREEN

Type

Small

3. Identification No.

106-17

ORIGINAL

4. Make

: M/s Ramkala Manufacturers, Pune

5. Calibrated for

M/s Ramkala Manufacturers, Pune

Remarks:

- (a) The above instrument has been tested for conformity to IS: 5948-1970 and it is found to be functionally satisfactory.
- (b) The measured dimensions have been found to be within the tolerance limits specified in the Indian Standard IS: 5948-1970.

Validity of Inspection: ONE YEAR

Tested by: U. N. Kulkarni, S. A.

Date: 10-01-2017

Kulaem

(U. K. Shende) Scientist - D

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भारत मौसम विज्ञान विभाग

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INDIA METEOROLOGICAL DEPARTMENT

Office of the Deputy Director General of Meteorology (Surface Instruments) Shivajinagar, Pune 411 005

RIGINAL

Laboratory Test Report

No .:

1. Name of the instrument WET BULB THERMOMETER

(Mercury-in-Glass)

2. Identification No. 6021/14

3. Make

ISO 9001:2008 CERTIFIED

JRM

4. Calibrated for

M/s RAMKALA PUNE

5. Range -35°C to +55°C

(Calibrated range -20° to 55°C)

6. Least count 0.5°C (Tested as DB)

7. **Comparison results**

(Compared with Standard Digital Thermometer make: Fluke, USA)

S.No.	Standard reading °C	Indicated reading °C	Corrections °C
1	-15.0	-15.2	-0.2
2	0	-1.8	1.8
3	15.0	14.8	0.2
4	30.0	29.8	0.2
5	45.0	44.8	0.2

Remarks:

- (a) The above thermometer has been calibrated in the laboratory against the Standard digital thermometer make Fluke, USA Model-5616-12 sensor No. 060917 and Indicator No.B06242, whose calibration is traceable to NPL, New Delhi standard vide certificate No. 16060299/D5.03/C-110 dtd.09-08-2016
- (b) Indicated readings are approximated to 0.1°C using standard telescope.

Corrections obtained are as above.

(Accepted limits of tolerance: Below 0°C: -0.3 to 0.2°C, Above 0°C: -0.2 to + 0.1°C)

Validity of calibration: ONE YEAR

Tested by:

Date: 07-10-16

Scientist

for Deputy Director General of Meteorology

(Surface Instruments)

GOVERNMENT OF INDIA



ISO 9001:2008 CERTIFIED

Tel. / दूरध्यनी : (020) 25572429 Fax / vian : (020) 25521529

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भारत मौसम विज्ञान विभाग

मौसम विज्ञान के उप-महानिदेशक (सतह उपकरण) का कार्यालय शिवाजीनगर, पुणे-411005

INDIA METEOROLOGICAL DEPARTMENT

Office of the Deputy Director General of Meteorology (Surface Instruments) Shivajinagar, Pune 411 005

DRIGINAL

Laboratory Test Report

6139 No.:

> 1. Name of the instrument

DRY BULB THERMOMETER

(Mercury-in-Glass)

2. Identification No.

0141/14

3. Make 4. Calibrated for

JRM

M/s RAMKALA PUNE

5. Range

-35°C to +55°C

6. Least count (Calibrated range-20° to 55°C)

0.5°C

7. Comparison results

(Compared with Standard Digital Thermometer

S.No.	Standard reading °C	te di make Fluke	, USA)
4	Candara reading C	Indicated reading °C	Corrections °C
1	-15.0	-15.3	-0.3
2	0.0	0.1	
3	15.0	15	-0.1
4	30.0		0.0
E		29.8	0.2
3	45.0	44.9	0.1

Remarks:

- The above thermometer has been calibrated in the laboratory against the (a) Standard digital thermometer Make Fluke, USA, Model No. 5626-12, Sensor No. 060917 and Indicator No. B 06242, whose calibration is traceable to NPL, New Delhi standard vide certificate No. 16060299/D5.03/C-110 dated 09.08.2016.
- Indicated readings are approximated to 0.1°C using standard telescope. (b)
- (c) Corrections obtained are as above.

(Accepted limits of tolerance: Below 0°C: -0.3 to +0.2°C, Above 0°C: -0.2 to +0.1°C)

Validity of calibration: ONE YEAR

Tested by:

Date: 07.10.2016

for Deputy Director General of Meteorology

(Surface Instruments)



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भारत सरकार GOVERNMENT OF INDIA

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भारत मौसम विज्ञान विभाग

मौसम विज्ञान के उप-महानिदेशक (सतह उपकरण) का कार्यालय शिवाजीनगर, पुणे-411005

INDIA METEOROLOGICAL DEPARTMENT

Office of the Deputy Director General of Meteorology
(Surface Instruments)
Shivajinagar, Pune 411 005

Laboratory Test Report

No.: 6140

1. Name of the instrument

MINIMUM THERMOMETER

(Sprit - in - Glass)

2. Identification No.

Calibrated for

: 1092/15

ORIGINAL

Make

4.

5

: JRM

. 5/1/0

Range

M/s RAMKALA PUNE

-40°C to +50°C

(Calibrated range -20 to 50 °C)

6. Least count

0.5°C

7. Comparison results

(Compared with Standard Digital Thermometer make Fluke, USA)

S.No.	Standard reading °C	Indicated reading °C	Corrections °C
1	-15.0	-15.2	0.2
2	0.0	0	0
3	15.0	15	0
4	30.0	30	0 -
5	45.0	45.3	-0.3

Remarks:

- (a) The above thermometer has been calibrated in the laboratory against the Standard digital thermometer make Fluke, USA, Model No. 5616-12, sensor No. 060917 and Indicator No. B06242, whose calibration is traceable to NPL, New Delhi standard vide certificate No. 16060299/D5.03/C-110 dated 09/08/2016.
- (b) Indicated readings are approximated to 0.1°C using standard telescope.

(c) Corrections obtained are as above.

(Accepted limits of tolerance: Below -18°C

: ±0.6°C, Above -18°C: ±0.3°C)

Validity of calibration: QNE YEAR

Tested by:

Date: 07-10-2016

(U K Shende)

Scientist - D



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भारत मौसम विज्ञान विभाग

मौसम विज्ञान के उप-महानिदेशक (सतह उपकरण) का कार्यालय

शिवाजीनगर, पुणे-411005

INDIA METEOROLOGICAL DEPARTMENT

Office of the Deputy Director General of Meteorology (Surface Instruments) Shivajinagar, Pune 411 005

RIGINAL

Laboratory Test Report

6143 No:

> Name of the instrument 1.

MAXIMUM THERMOMETER

(Mercury-in-Glass)

2. Identification No. 0459 / 16

3. Make **JRM**

Calibrated for 4.

M/s RAMKALA PUNE

5. Range -35°C to +55°C

(Calibrated range 0° to 50°C)

6. Least count 7.

0.5°C

Comparison results

(Compared with Standard Digital Thermometer make Fluke, USA)

S.No.	Standard reading °C	Indicated reading °C	Corrections °C
1	10.0	9.8	0.2
2	20.0	19.8	0.2
3	30.0	29.7	0.3
4	40.0	39.5	0.5
5	48.0	47.7	0.3

Remarks:

- (a) The above thermometer has been calibrated in the laboratory against the Standard digital thermometer make Fluke, USA, Model No.5616-12 sensor No. 060917 and Indicator No. B06242, whose calibration is traceable to NPL, New Delhi standard vide certificate No. 16060299/D5.03/C-110 dated 09/08/2016.
- (b) Indicated readings are approximated to 0.1°C using standard telescope.
- (c) Corrections obtained are as above. (Accepted limits of tolerance : Below: -18°C: ± 0.4°C, Above: -18°C ± 0.2°C

Validity of calibration: ONE YEAR

Tested by:

Date: 07-10-2016

Scientist - D



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भारत मौसम विज्ञान विभाग

यौसय विज्ञान के उप-महानिदेशक (सतह उपकरण) का कार्यालय शिवाजीनगर, पुणे-411005

INDIA METEOROLOGICAL DEPARTMENT

Office of the Deputy Director General of lifeteorology (Surface Instruments) Shivajinagar, Pune 411 605

1901

Laboratory Test Report

No.:

1. Name of the instrument : OPEN PAN EVAPORIMETER

2. Identification No. : 1554-16

3. Make : M/s RAMKALA MANUFACTURERS, PUNE

4. Pan : Satisfactory

Wire mesh cover for pan : Satisfactory

6. Fixed Point Gauge : Satisfactory

7. Stilling Well : Satisfactory

8. Measuring Cylinder : Satisfactory ORIGINAL

9. Clamp for Thermometer : Satisfactory

10. Wooden Platform : Satisfactory

11. Leak test : No leakage

Remarks:

1) The above instrument has been tested for conformity to IS:5973 - 1998 (First Revision) and it is found to be functionally satisfactory.

2) Copy of the firm's undertaking is on the reverse.

Tested by: U. N. Kulkarni, S. A.

Warkour

Date: 21-03-2016

(U. K. Shende Scientist D