



Premium Calibration Services

(NABL Accredited Laboratory as per ISO/IEC 17025)

PLOT No - 73, ADARSH NAGAR COLONY, MODINAGAR ROAD, HAPUR-245101

Ph:- 0122-7965803, 08279757019

E-mail: Pcslab141@gmail.com



CC - 3740

CALIBRATION CERTIFICATE

ULR No. :	CC37402500000319F	Calibration Done On :	20.03.2025	S.R.F.No :	0001/03
Issue Date :	21.03.2025	Calibration Valid Upto :	19.03.2026	S.R.F Date :	03.03.2025
UUC Receipt Date:		certificate No.	PCS/0319F	Pages	: 1 of 1

Calibrated for M/S.

RADHE INDUSTRIES
ADD-07,GUT NO-264/A/1 NEW JAWAHAR IND.ESTATE PIRANGUTE
TAL MULSHI PUNE PIN-412115

Identification on UUC (Unit Under Calibration)

Instrument Name	Pressure Gauge	Size/Range	0 - 21 kg/cm ²
Least Count	0.5 kg/cm ²	Condition of Item	Good
Manufactured By	-----	Calibration Performed at	Site
Manufacturer M/Sr.No.	-----	Location	RO PLANT
Party ID Mark	RO/PG-01	Ref. Standard	DKD-R6-1

Calibration Procedure / Method : As per Calibration Procedure Document No. PCS/CP/01, Section No-MECH/CP-10

Environmental conditions (s) : Temperature:30 ± 5 °C . Relative Humidity : 30 ± 80 % RH

Standard & Major Equipment(s)

Standard(s)& Equipments	Make	ID No. / Serial No.	Calibrating Agency	Traceability ULR No. / Cert. No.	Valid Up to
Pressure Gauge	R & D Instruements	PCS-PG-02 / 70032211	WIKA INSTRUMENTS GZB	CC345524200000093F	29.10.2025

Uncertainty of measurement (at Approx 95% Confidence Level With Coverage Factor $k=2$) = ± 0.28 kg/cm²

Calibration Results:

UUC Value kg/cm ²	Avg.Standard Value bar	Avg.Standard Value kg/cm ²	Error kg/cm ²
0.0	0.000	0.000	0.000
5.0	4.928	5.025	-0.025
10.0	9.865	10.059	-0.059
15.0	14.795	15.087	-0.087
20.0	19.723	20.112	-0.112

***** End of Certificate *****

NOTE:

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CALIBRATION CERTIFICATE

ULR No. :	CC37402500000320F	Calibration Done On :	20.03.2025	S.R.F.No :	0001/03
Issue Date :	21.03.2025	Calibration Valid Upto :	19.03.2026	S.R.F Date :	03.03.2025
UUC Receipt Date:	-----	certificate No.	PCS/0319F	Pages	: 1 of 1

Calibrated for M/S.

RADHE INDUSTRIES
ADD-07,GUT NO-264/A/1 NEW JAWAHAR IND.ESTATE PIRANGUTE
TAL MULSHI PUNE PIN-412115

Identification on UUC (Unit Under Calibration)

Instrument Name	Pressure Gauge	Size/Range	0 - 20 kg/cm ²
Least Count	0.5 kg/cm ²	Condition of Item	Good
Manufactured By	-----	Calibration Performed at	Site
Manufacturer M/Sr.No.	-----	Location	RO PLANT
Party ID Mark	RO/PG-02	Ref. Standard	DKD-R6-1

Calibration Procedure / Method : As per Calibration Procedure Document No. PCS/CP/01, Section No-MECH/CP-10

Environmental conditions (s) : Temperature:30 ± 5 °C . Relative Humidity : 30 ± 80 % RH

Standard & Major Equipment(s)

Standard(s)& Equipments	Make	ID No. / Serial No.	Calibrating Agency	Traceability ULR No. / Cert. No.	Valid Up to
Pressure Gauge	R & D Instruements	PCS-PG-02 / 70032211	WIKI INSTRUMENTS GZB	CC345524200000093F	29.10.2025

Uncertainty of measurement (at Approx 95% Confidence Level With Coverage Factor $k=2$) = ± 0.28 kg/cm²

Calibration Results:

UUC Value kg/cm ²	Avg.Standard Value bar	Avg.Standard Value kg/cm ²	Error kg/cm ²
0.0	0.000	0.000	0.000
5.0	4.947	5.045	-0.045
10.0	9.892	10.087	-0.087
15.0	14.842	15.135	-0.135
20.0	19.832	20.223	-0.223

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NOTE:

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RADHE INDUSTRIES
ADD-07,GUT NO-264/A/1 NEW JAWAHAR IND.ESTATE PIRANGUTE
TAL MULSHI PUNE PIN-412115

Identification on UUC (Unit Under Calibration)

Instrument Name	Dig.Temp.Controller/ Indicator (J-Type)	Size/Range	0 to 400 °C
Least Count	1 °C	Condition of Item	Good
Manufactured By	-----	Calibration Performed at	Site
Manufacturer M/Sr. No.	-----	Location	Powder Coating
Party ID Mark	DTC-01	Ref. Standard	IS: Euramet Guide-CG-11

Calibration Procedure / Method : As per Calibration Procedure Document No. PCS/CP/01, Section No.ET/CP-07

Environmental Conditions : Temperature : 30 ± 5 °C. Relative Humidity : 30 to 80 % RH

Standard & Major Equipment(s) Used :

Standard(s)& Equipments	Make	ID No. / Serial No.	Calibrating Agency	Traceability ULR No. / Cert. No.	Valid Up to
Process Multimeter (Universal Calibrator)	TIPL/IT52.54A	PCS-MM-01 /	Anshaankan (India) Pvt. Ltd.	AIPL/280125/4-1	31.01.2026

Calibration Results :

Avg. Value on Standard (in °C)	UUC Reading (in °C)	Deviation (in °C)	Related Uncertainty on C.F.(k=2) at approx 95% Confidence Level ±
49.2	50	0.8	2.0 °C
99.5	100	0.5	2.0 °C
199.3	200	0.7	2.0 °C
299.6	300	0.4	2.0 °C
399.7	400	0.3	2.0 °C

***** End of Certificate *****

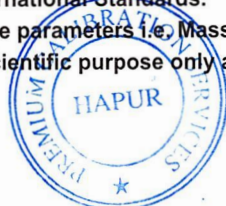
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RADHE INDUSTRIES
ADD-07,GUT NO-264/A/1 NEW JAWAHAR IND.ESTATE PIRANGUTE
TAL MULSHI PUNE PIN-412115

Identification on UUC (Unit Under Calibration)

Instrument Name	Pressure Gauge	Size/Range	0 - 10 kg/cm ²
Least Count	0.2 kg/cm ²	Condition of Item	Good
Manufactured By	-----	Calibration Performed at	Site
Manufacturer M/Sr.No.	-----	Location	Tube Laser Cutting M/C
Party ID Mark	TLC/PG-01	Ref. Standard	DKD-R6-1

Calibration Procedure / Method : As per Calibration Procedure Document No. PCS/CP/01, Section No.MECH/CP-10

Environmental condition (s) : Temperature : 30 ± 5 °C. Relative Humidity : 30 to 80 % RH

Standard & Major Equipment(s)

Standard(s)& Equipments	Make	ID No. / Serial No.	Calibrating Agency	Traceability ULR No. / Cert. No.	Valid Up to
Pressure Gauge	R & D Instruments	PCS-PG-02 / 70032211	WIKA INSTRUMENTS GZB	CC345524200000093F	29.10.2025

Uncertainty of measurement (at Approx 95% Confidence Level With Coverage Factor k=2) = ± 0.18 kg/cm²

Calibration Results:

UUC Value kg/cm ²	Avg.Standard Value bar	Avg.Standard Value kg/cm ²	Error kg/cm ²
0.0	0.000	0.000	0.000
2.0	1.998	2.037	-0.037
4.0	3.986	4.065	-0.065
8.0	7.955	8.112	-0.112
10.0	9.977	10.174	-0.174

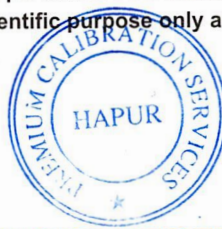
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UUC Receipt Date: -----		certificate No.	PCS/0319F	Pages :	1 of 1

Calibrated for M/S.

RADHE INDUSTRIES

ADD-07,GUT NO-264/A/1 NEW JAWAHAR IND.ESTATE PIRANGUTE
TAL MULSHI PUNE PIN-412115

Identification on UUC (Unit Under Calibration)

Instrument Name	Dig.Ampere Meter	Size/Range	50 to 250 A
Least Count	1 A	Condition of Item	Good
Manufactured By	Warp	Calibration Performed at	Site
Manufacturer M/Sr.No. -----		Location	Welding M/C-01
Party ID Mark	WM-01/AM/01	Ref. Standard	IS:1248

Calibration Procedure / Method : As per Calibration Procedure Document No. PCS/CP/01, Section No.ET/CP-04

Environmental Conditions : Temperature : 30 ± 5 °C. Relative Humidity : 30 to 80 % RH

Standard & Major Equipment(s) Used :

Standard(s)& Equipments	Make	ID No. / Serial No.	Calibrating Agency	Traceability ULR No. / Cert. No.	Valid Up to
5.5 Digit Multifunction Calibrator with x100 Current Coil	Zeal	PCS-MFC-01/202212427 PCS-CC-01/202201-19	Anshaankan (India) Pvt. Ltd.	AIPL/131224/3-1	13.12.2025

Calibration Results :

Nominal Value on UUC in A (Ratio)		Average Value on (Std.) A (Ratio)		Error	Related Uncertainty on C.F.(k=2) at approx 95% Confidence Level $\pm$
A	A	A	A	In A	
50	1.000	50.070	1.001	-0.070	1.0%
100	2.000	100.145	2.003	-0.145	1.0%
150	3.000	150.285	3.006	-0.285	1.0%
250	5.000	250.415	5.008	-0.415	1.0%

Note: - $5/250 = 0.02$

$250/5 = 50.00$

***** End of Certificate *****

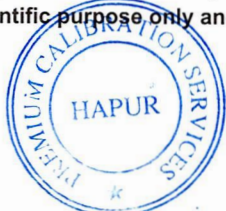
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Issue Date :	21.03.2025	Calibration Valid Upto :	19.03.2026	S.R.F Date :	03.03.2025
UUC Receipt Date: -----		certificate No.	PCS/0319F	Pages :	1 of 1

Calibrated for M/S.

RADHE INDUSTRIES

ADD-07,GUT NO-264/A/1 NEW JAWAHAR IND.ESTATE PIRANGUTE

TAL MULSHI PUNE PIN-412115

Identification on UUC (Unit Under Calibration)

Instrument Name	Dig.Ampere Meter	Size/Range	50 to 250 A
Least Count	1 A	Condition of Item	Good
Manufactured By	Warp	Calibration Performed at	Site
Manufacturer M/Sr.No. -----		Location	Welding M/C-02
Party ID Mark	WM-02/AM/02	Ref. Standard	IS:1248

Calibration Procedure / Method : As per Calibration Procedure Document No. PCS/CP/01, Section No.ET/CP-04

Environmental Conditions : Temperature : $30 \pm 5^\circ\text{C}$. Relative Humidity : 30 to 80 % RH

Standard & Major Equipment(s) Used :

Standard(s)& Equipments	Make	ID No. / Serial No.	Calibrating Agency	Traceability ULR No. / Cert. No.	Valid Up to
5.5 Digit Multifunction Calibrator with x100 Current Coil	Zeal	PCS-MFC-01/202212427 PCS-CC-01/202201-19	Anshaankan (India) Pvt. Ltd.	AIPL/131224/3-1	13.12.2025

Calibration Results :

Nominal Value on UUC in A (Ratio)		Average Value on (Std.) A (Ratio)		Error	Related Uncertainty on C.F.(k=2) at approx 95% Confidence Level $\pm$
A	A	A	A	In A	
50	1.000	50.065	1.001	-0.065	1.0%
100	2.000	100.141	2.003	-0.141	1.0%
150	3.000	150.281	3.006	-0.281	1.0%
250	5.000	250.420	5.008	-0.420	1.0%

Note: - $5/250 = 0.02$

$250/5 = 50.00$

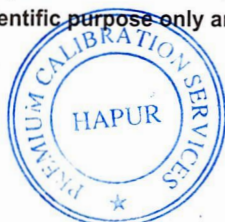
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Calibrated for M/S.

RADHE INDUSTRIES

ADD-07,GUT NO-264/A/1 NEW JAWAHAR IND.ESTATE PIRANGUTE

TAL MULSHI PUNE PIN-412115

Identification on UUC (Unit Under Calibration)

Instrument Name	Digital Volt meter	Size/Range	0 - 60 V
Least Count	0.1 V	Condition of Item	Good
Manufactured By	Warp	Calibration Performed at	Site
Manufacturer M/Sr.No.	-----	Location	Welding M/C-01
Party ID Mark	WM-01/VM-01	Ref. Standard	IS:1248

Calibration Procedure / Method : As per Calibration Procedure Document No. PCS/CP/01, Section No.ET/CP-03

Environmental Conditions : Temperature : 30 ± 5 °C. Relative Humidity : 30 to 80 % RH

Standard & Major Equipment(s) Used :

Standard(s)& Equipments	Make	ID No. / Serial No.	Calibrating Agency	Traceability ULR No. / Cert. No.	Valid Up to
5.5 Digit Multifunction Calibrator with x100 Current Coil	Zeal	PCS-MFC-01/202212427 PCS-CC-01/202201-19	Anshaankan (India) Pvt. Ltd.	AIPL/131224/3-1	13.12.2025

Calibration Results :- (At 50 Hz)

Nominal Value On UUC (in Volt)	Average Value On Std. (in Volt)	Deviation (in Volt)	Related Uncertainty on C.F.(k=2) at approx 95% Confidence Level $\pm$
10.0	9.86	0.14	0.2%
20.0	19.77	0.23	0.2%
40.0	39.64	0.36	0.2%
60.0	59.51	0.49	0.2%

***** End of Certificate *****

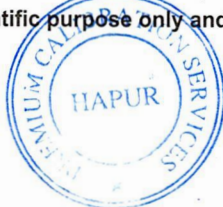
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Identification on UUC (Unit Under Calibration)

Instrument Name	Digital Volt meter	Size/Range	0 - 60 V
Least Count	0.1 V	Condition of Item	Good
Manufactured By	Warp	Calibration Performed at	Site
Manufacturer M/Sr.No.	-----	Location	Welding Machine-02
Party ID Mark	WM-02/VM-02	Ref. Standard	IS:1248

Calibration Procedure / Method : As per Calibration Procedure Document No. PCS/CP/01, Section No.ET/CP-03

Environmental Conditions : Temperature : 30 ± 5 °C. Relative Humidity : 30 to 80 % RH

Standard & Major Equipment(s) Used :

Standard(s)& Equipments	Make	ID No. / Serial No.	Calibrating Agency	Traceability ULR No. / Cert. No.	Valid Up to
5.5 Digit Multifunction Calibrator with x100 Current Coil	Zeal	PCS-MFC-01/202212427 PCS-CC-01/202201-19	Anshaankan (India) Pvt. Ltd.	AIPL/131224/3-1	13.12.2025

Calibration Results :- (At 50 Hz)

Nominal Value On UUC (in Volt)	Average Value On Std. (in Volt)	Deviation (in Volt)	Related Uncertainty on C.F.(k=2) at approx 95% Confidence Level $\pm$
10.0	9.96	0.04	0.2%
20.0	19.87	0.13	0.2%
40.0	39.82	0.18	0.2%
60.0	59.79	0.21	0.2%

***** End of Certificate *****

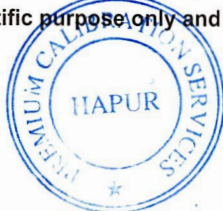
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