



PASCAL PHYSICAL LABORATORY LLP

CALIBRATION CERTIFICATE

User's Name & Address : M/s APE SISMICO PVT. LTD, Plot No. F-383, Phase-1, Masoorie Gulawati Road, Industrial Area, UPSIDC. Hapur-245101.	PPL/F/7.8/01 Page 1 of 1	
	ULR No. :	CC289925000017705F
	Certificate No.	PPL/M/07-25/1503/3
	Date Of Receipt :	14-07-2025
	Date of Calibration :	14-07-2025
	Date of Issue :	15-07-2025
	Next Due Date Requested by Customer : 13-07-2026	

Instrument Detail (s)

Name : Pressure Gauge (Dial Type)	Identification No. : PG-01
Make : Guru	Serial No. : —
Range : (0 to 400) kg/cm ²	Location : Test Press
Least Count : 5 kg/cm ²	Visual Inspection : OK

Environmental Condition Maintained During Calibration

Temperature : 28.3 °C	Relative Humidity : 57%
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Reference Standard (s) / Master Equipment Used For Calibration

S.N.	Nomenclature	Make	Id. / Sr. No.	Certificate No.	Due Date of Calibration	Calibrated By
1.	Advance Pressure Gauge	R&D Instruments	PPL/MECH/057	CS/24/LB/MP/371-01	24-08-2025	R&D Inst. Services- Chennai

Traceability : Master equipment used are traceable to S.I. units through unbroken chain of calibration from NABL accredited lab. / competent lab. / NPL, New Delhi.

Calibration Performed at : Site	Calibration Method Used : WI - 022M (Comparison Method) & Reference Standard : DKD-R-6-1
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Calibration Result (s)

Sr. No.	Nominal Value (UUC) (kg/cm ²)	Observed Average Value (Master) (kg/cm ²)	± Uncertainty Of Measurement at 95.45% conf. level k=2 (kg/cm ²)
1.	0	0.03	-
2.	100	99.25	1.25
3.	200	198.65	1.25
4.	300	296.14	1.25
5.	400	395.55	1.25

Remark : All readings are taken in bar at the time of calibration and converted to kg/cm².

NOTE :-

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2. This report should not be reproduced except in full without our prior permission in writing.
3. UUC :- Unit Under Calibration / GUT :- Gauge Under Testing.
4. Calibration certificate without signature are not valid.

Calibrated By
Anshu Srivastav
(Calibration Engineer)



Reviewed / Issued / Approved By
Sumit Kumar Ojha
(QM / Dy. TM)

C- 48 (Ground Floor), Sector - 88, Noida, Dist. - G. B. Nagar, U. P. - 201305.

Helpline Nos. : +91 97177 66224, +91 99991 76950, +91 98715 75095, +91 97177 30031, +91 99533 18466, +91 97177 33244

Tel. No. : (+91120) 6385497 E-mail :- info@pascal-group.com, pascal.noida@gmail.com Visit us at : www.pascal-group.com



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PPL/F/7.8/01 Page 1 of 1

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M/s APE SISMICO PVT. LTD.

Plot No. F-383, Phase-1, Masoorie Gulawati Road, Industrial Area,

UPSIDC. Hapur-245101.

ULR No. :

CC289925000017706F

Certificate No.

PPL/M/07-25/1503/4

Date Of Receipt :

14-07-2025

Date of Calibration :

14-07-2025

Date of Issue :

15-07-2025

Next Due Date Requested by Customer : 13-07-2026

Instrument Detail (s)

Name	: Pressure Gauge (Dial Type)	Identification No.	: PG-02
Make	: Kanwar	Serial No.	: —
Range	: (0 to 1000) kg/cm ²	Location	: Test Press
Least Count	: 20 kg/cm ²	Visual Inspection	: OK

Environmental Condition Maintained During Calibration

Temperature	: 28.5 °C	Relative Humidity	: 57%
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Reference Standard (s) / Master Equipment Used For Calibration

S.N.	Nomenclature	Make	Id. / Sr. No.	Certificate No.	Due Date of Calibration	Calibrated By
1.	Advance Pressure Gauge	R&D Instruments	PPL/MECH/057	CS/24/LB/MP/371-01	24-08-2025	R&D Inst. Services- Chennai

Traceability : Master equipment used are traceable to S.I. units through unbroken chain of calibration from NABL accredited lab. / competent lab. / NPL, New Delhi.

Calibration Performed at : Site

Calibration Method Used : WI - 022M (Comparison Method) & Reference Standard : DKD-R-6-1

Calibration Result (s)

Sr. No.	Nominal Value (UUC) (kg/cm ²)	Observed Average Value (Master) (kg/cm ²)	± Uncertainty Of Measurement at 95.45% conf. level k=2 (kg/cm ²)
1.	0	0.04	-
2.	100	98.65	5
3.	300	295.25	5
4.	500	493.22	5
5.	700	691.48	5

Remark : All readings are taken in bar at the time of calibration and converted to kg/cm².

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Calibrated By
Anshu Srivastav
(Calibration Engineer)



Reviewed / Issued / Approved By
Sumit Kumar Ojha
(QM / Dy. TM)

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	ULR No. :	CC289925000017707F
	Certificate No.	PPL/M/07-25/1503/5
	Date Of Receipt :	14-07-2025
	Date of Calibration :	14-07-2025
	Date of Issue :	15-07-2025
Next Due Date Requested by Customer : 13-07-2026		

Instrument Detail (s)

Name	: Pressure Gauge (Dial Type)	Identification No.	: PG-03
Make	: Kanwar	Serial No.	: —
Range	: (0 to 1000) kg/cm ²	Location	: Test Press
Least Count	: 20 kg/cm ²	Visual Inspection	: OK

Environmental Condition Maintained During Calibration

Temperature	: 28.3 °C	Relative Humidity	: 62%
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Reference Standard (s) / Master Equipment Used For Calibration

S.N.	Nomenclature	Make	Id. / Sr. No.	Certificate No.	Due Date of Calibration	Calibrated By
1.	Advance Pressure Gauge	R&D Instruments	PPL/MECH/057	CS/24/LB/MP/371-01	24-08-2025	R&D Inst. Services- Chennai

Traceability : Master equipment used are traceable to S.I. units through unbroken chain of calibration from NABL accredited lab. / competent lab. / NPL, New Delhi.

Calibration Performed at : Site	Calibration Method Used : WI - 022M (Comparison Method) & Reference Standard : DKD-R-6-1
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Calibration Result (s)

Sr. No.	Nominal Value (UUC) (kg/cm ²)	Observed Average Value (Master) (kg/cm ²)	± Uncertainty Of Measurement at 95.45% conf. level k=2 (kg/cm ²)
1.	0	0.03	-
2.	100	101.65	5
3.	300	298.25	5
4.	500	495.69	5
5.	700	692.54	5

Remark : All readings are taken in bar at the time of calibration and converted to kg/cm².

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Anshu Srivastav
(Calibration Engineer)



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PPL/F/7.8/01 Page 1 of 1

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Plot No. F-383, Phase-1, Masoorie Gulawati Road, Industrial Area,
UPSIDC. Hapur-245101.

ULR No. :

CC289925000017724F

Certificate No.

PPL/M/07-25/1506/1

Date Of Receipt :

12-07-2025

Date of Calibration :

14-07-2025

Date of Issue :

14-07-2025

Next Due Date Requested by Customer : 13-07-2026

Instrument Detail (s)

Name	: Vernier Caliper	Identification No.	: ASPL-03
Make	: Mitu	Serial No.	: —
Range	: (0 to 600) mm	Location	: —
Least Count	: 0.02 mm	Visual Inspection	: OK

Environmental Condition Maintained During Calibration

Temperature	: (20±1) °C	Relative Humidity	: (50±10)%
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Reference Standard (s) / Master Equipment Used For Calibration

S.N.	Nomenclature	Make	Id. / Sr. No.	Certificate No.	Due Date of Calibration	Calibrated By
1.	Caliper Checker (Steel)	KCP	PPL/MECH/001	KCP/05/23~24/3400	22-07-2025	KCP-Aurangbad

Traceability : Master equipment used are traceable to S.I. units through unbroken chain of calibration from NABL accredited lab. / competent lab. / NPL, New Delhi.

Calibration Performed at : Permanent Lab.

Calibration Method Used : WI - 01M (Comparison Method) & Reference Standard : IS:16491 (Part-1)

Calibration Result (s)

Sr. No.	External Measurement		Internal Measurement	
	Standard Reading (Master) (mm)	Measured Reading (UUC) (mm)	Standard Reading (Master) (mm)	Measured Reading (UUC) (mm)
1.	0.00	0.00	-	-
2.	100.00	99.98	100.00	100.02
3.	200.00	199.98	200.00	200.02
4.	300.00	299.98	300.00	300.02
5.	400.00	399.96	400.00	400.04
6.	500.00	499.96	500.00	500.04
7.	600.00	599.96	600.00	600.04

Uncertainty Of Measurement : ± 13.0µm (The reported uncertainty is at coverage factor k = 2,

Which correspond to coverage probability of approximately 95.45% of a normal distribution.)

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Calibrated by
Anshu Srivastav
(Calibration Engineer)



Reviewed / Issued / Approved By
Sumit Kumar Ojha
(QM / Dy. TM)

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CC-2899



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PPL/F/7.8/01 Page 1 of 1

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Plot No. F-383, Phase-1, Masoorie Gulawati Road, Industrial Area,
UPSIDC, Hapur-245101.**ULR No. :**

CC289925000017725F

Certificate No.

PPL/M/07-25/1506/2

Date Of Receipt :

12-07-2025

Date of Calibration :

14-07-2025

Date of Issue :

14-07-2025

Next Due Date Requested by Customer :

13-07-2026

Instrument Detail (s)

Name	: Vernier Caliper	Identification No.	: ASPL-04
Make	: Mitutoyo	Serial No.	: ---
Range	: (0 to 300) mm	Location	: ---
Least Count	: 0.02 mm	Visual Inspection	: OK

Environmental Condition Maintained During Calibration

Temperature : (20±1) °C

Relative Humidity : (50±10)%

Reference Standard (s) / Master Equipment Used For Calibration

S.N.	Nomenclature	Make	Id. / Sr. No.	Certificate No.	Due Date of Calibration	Calibrated By
1.	Slip Gauge Set	KCP	PPL/MECH/002	TI/L/SCS/003/23	05-12-2025	TI-Faridabad
2.	Caliper Checker (Steel)	KCP	PPL/MECH/001	KCP/05/23~24/3400	22-07-2025	KCP-Aurangabad

Traceability : Master equipment used are traceable to S.I. units through unbroken chain of calibration from NABL accredited lab. / competent lab. / NPL, New Delhi.

Calibration Performed at : Permanent Lab.

Calibration Method Used : WI - 01M (Comparison Method) & Reference Standard : IS:16491 (Part-1)

Calibration Result (s)

Sr. No.	External Measurement		Internal Measurement		Depth Measurement	
	Standard Reading (Master) (mm)	Measured Reading (UUC) (mm)	Standard Reading (Master) (mm)	Measured Reading (UUC) (mm)	Standard Reading (Master) (mm)	Measured Reading (UUC) (mm)
1.	0.00	0.00	-	-	0.00	0.00
2.	50.00	50.00	50.00	50.02	50.00	50.00
3.	100.00	99.98	100.00	100.02	100.00	100.00
4.	150.00	149.98	150.00	150.02	150.00	150.00
5.	200.00	199.98	200.00	200.02	200.00	200.00
6.	250.00	249.96	250.00	250.02	250.00	250.00
7.	300.00	299.96	300.00	300.04	300.00	300.00

Uncertainty Of Measurement : ± 13.0µm (The reported uncertainty is at coverage factor k = 2,

Which correspond to coverage probability of approximately 95.45% of a normal distribution.)

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(Calibration Engineer)



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		ULR No. :	CC289925000017726F
		Certificate No.	PPL/M/07-25/1506/3
		Date Of Receipt :	12-07-2025
		Date of Calibration :	14-07-2025
		Date of Issue :	14-07-2025
		Next Due Date Requested by Customer :	13-07-2026

Instrument Detail (s)

Name : Metric Steel Scale	Identification No. : ASPL-05
Make : Kristeel	Serial No. : —
Range : (0 to 1000) mm	Location : —
Least Count : 1 mm	Visual Inspection : OK

Environmental Condition Maintained During Calibration

Temperature : (20±1) °C	Relative Humidity : (50±10)%
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Reference Standard (s) / Master Equipment Used For Calibration

S.N.	Nomenclature	Make	Id. / Sr. No.	Certificate No.	Due Date of Calibration	Calibrated By
1.	Scale & Tape Calibration Unit (Digital)	Insize	PPL/MECH/024	PPL/M/09-24/0206/2	06-09-2025	PPL-Noida

Traceability : Master equipment used are traceable to S.I. units through unbroken chain of calibration from NABL accredited lab. / competent lab. / NPL, New Delhi.

Calibration Performed at : Permanent Lab.	Calibration Method Used : WI - 015M (Comparison Method) & Reference Standard : IS : 1481
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Calibration Result (s)

Sr. No.	Nominal Value (UUC) (mm)	Observed Value (Master) (mm)
1.	0	0.00
2.	1	0.99
3.	2	1.98
4.	5	4.97
5.	10	9.95
6.	20	19.93
7.	50	49.92
8.	100	99.91
9.	200	199.85
10.	600	599.84
11.	1000	999.83

Uncertainty Of Measurement : $\pm 125\mu\text{m}$ (The reported uncertainty is at coverage factor $k = 2$,

Which correspond to coverage probability of approximately 95.45% of a normal distribution.)

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Calibrated By
Anshu Sritastav
(Calibration Engineer)



Reviewed / Issued / Approved By
Sumit Kumar Ojha
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PPL/F/7.8/01 Page 1 of 1

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UPSIDC. Hapur-245101.

ULR No. :

CC289925000017727F

Certificate No.

PPL/M/07-25/1506/4

Date Of Receipt :

12-07-2025

Date of Calibration :

14-07-2025

Date of Issue :

14-07-2025

Next Due Date Requested by Customer :

13-07-2026

Instrument Detail (s)

Name	: Metric Steel Scale	Identification No.	: ASPL-06
Make	: —	Serial No.	: —
Range	: (0 to 600) mm	Location	: —
Least Count	: 1 mm	Visual Inspection	: OK

Environmental Condition Maintained During Calibration

Temperature : (20±1) °C

Relative Humidity : (50±10)%

Reference Standard (s) / Master Equipment Used For Calibration

S.N.	Nomenclature	Make	Id./Sr. No.	Certificate No.	Due Date of Calibration	Calibrated By
1.	Scale & Tape Calibration Unit (Digital)	Insize	PPL/MECH/024	PPL/M/09-24/0206/2	06-09-2025	PPL-Noida

Traceability : Master equipment used are traceable to S.I. units through unbroken chain of calibration from NABL accredited lab. / competent lab. / NPL, New Delhi.

Calibration Performed at : Permanent Lab.

Calibration Method Used : WI - 015M (Comparison Method) & Reference Standard : IS : 1481

Calibration Result (s)

Sr. No.	Nominal Value (UUC) (mm)	Observed Value (Master) (mm)
1.	0	0.00
2.	1	1.00
3.	2	1.98
4.	5	4.97
5.	10	9.96
6.	20	19.95
7.	50	49.93
8.	100	99.92
9.	200	199.85
10.	600	599.82

Uncertainty Of Measurement : $\pm 125\mu\text{m}$ (The reported uncertainty is at coverage factor $k = 2$,

Which correspond to coverage probability of approximately 95.45% of a normal distribution.)

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Calibrated By
Anshu Shrivastav
(Calibration Engineer)



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Instrument Detail (s)

Name : Measuring Tape	Identification No. : ASPL-07
Make : Freemans	Serial No. : —
Range : (0 to 5000) mm	Location : —
Least Count : 1 mm	Visual Inspection : OK

Environmental Condition Maintained During Calibration

Temperature : (20±1) °C	Relative Humidity : (50±10)%
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Reference Standard (s) / Master Equipment Used For Calibration

S.N.	Nomenclature	Make	Id. / Sr. No.	Certificate No.	Due Date of Calibration	Calibrated By
1.	Scale & Tape Calibration Unit (Digital)	Insize	PPL/MECH/024	PPL/M/09-24/0206/2	06-09-2025	PPL-Noida

Traceability : Master equipment used are traceable to S.I. units through unbroken chain of calibration from NABL accredited lab. / competent lab. / NPL, New Delhi.

Calibration Performed at : Permanent Lab.	Calibration Method Used : WI - 015M (Comparison Method) & Reference Standard : IS : 1269 (Part 2)
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Calibration Result (s)

Sr. No.	Nominal Value (UUC) (mm)	Observed Value (Master) (mm)
1.	0	0.00
2.	1000	1000.35
3.	2000	2000.41
4.	3000	3000.62
5.	4000	4000.74
6.	5000	5000.83

Uncertainty Of Measurement : $\pm 262\mu\text{m}$ (The reported uncertainty is at coverage factor $k = 2$,

Which correspond to coverage probability of approximately 95.45% of a normal distribution.)

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(Calibration Engineer)



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Date Of Receipt : 12-07-2025
Date of Calibration : 14-07-2025
Date of Issue : 14-07-2025
Next Due Date Requested by Customer : 13-07-2026

Instrument Detail (s)

Name	: Plunger Type Dial Gauge	Identification No.	: DG-01
Make	: Baker	Serial No.	: EFB167
Range / Size	: (0 to 50) mm	Location	: —
Least Count	: 0.01 mm	Visual Inspection	: OK

Environmental Condition Maintained During Calibration

Temperature	: (20±1) °C	Relative Humidity	: (50±10)%
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Reference Standard (s) / Master Equipment Used For Calibration

S.N.	Nomenclature	Make	Id. / Sr. No.	Certificate No.	Due Date of Calibration	Calibrated By
1.	ULM	Aditya	PPL/MECH/036	TI/1/ULM/001/24	06-09-2026	TI-Faridabad

Traceability : Master equipment used are traceable to S.I. units through unbroken chain of calibration from NABL accredited lab. / competent lab. / NPL, New Delhi.

Calibration Performed at : Permanent Lab. Calibration Method Used : WI - 04M (Comparison Method) & Reference Standard : IS:2092

Calibration Result (s)

Sr. No	Nominal Value (UUC) (mm)	Error (µm)	Sr. No.	Nominal Value (UUC) (mm)	Error (µm)	Sr. No.	Nominal Value (UUC) (mm)	Error (µm)
1.	0.0	0.1	14.	6.50	-2.8	27.	24.50	-4.5
2.	0.50	-1.3	15.	7.00	-2.9	28.	25.00	-4.7
3.	1.00	-1.4	16.	7.50	-3.1	29.	30.00	-4.8
4.	1.50	-1.5	17.	8.00	-3.2	30.	30.50	-5.1
5.	2.00	-1.6	18.	8.50	-3.3	31.	34.50	-5.3
6.	2.50	-1.8	19.	9.00	-3.4	32.	35.00	-5.5
7.	3.00	-1.9	20.	9.50	-3.5	33.	40.00	-5.8
8.	3.50	-2.1	21.	10.00	-3.6	34.	40.50	-6.1
9.	4.00	-2.2	22.	10.50	-3.8	35.	44.50	-6.5
10.	4.50	-2.3	23.	14.50	-3.9	36.	45.00	-6.7
11.	5.00	-2.5	24.	15.00	-4.0	37.	50.00	-6.8
12.	5.50	-2.6	25.	20.00	-4.2	-	-	-
13.	6.00	-2.7	26.	20.50	-4.3	-	-	-

Uncertainty Of Measurement : ±6µm (The reported uncertainty is at coverage factor $k = 2$,

Which correspond to coverage probability of approximately 95.45% of a normal distribution.)

NOTE :-

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2. This report should not be reproduced except in full without our prior permission in writing.
3. UUC :- Unit Under Calibration / GUT :- Gauge Under Testing.
4. Calibration certificate without signature are not valid.

Calibrated By
Anshu Srivastav
(Calibration Engineer)



Reviewed / Issued / Approved By
Sumit Kumar Ojha
(QM / Dy. TM)

C- 48 (Ground Floor), Sector - 88, Noida, Dist. - G.B. Nagar, U.P. - 201305.

Helpline No.s : +91 97177 66224, +91 99991 76950, +91 98715 75095, +91 97177 30031, +91 99533 18466, +91 97177 33244

Tel. No. (+91120) 6385497 E-mail :- info@pascal-group.com, pascal.noida@gmail.com Visit us at : www.pascal-group.com



CC-2899



PASCAL PHYSICAL LABORATORY LLP

CALIBRATION CERTIFICATE

User's Name & Address : M/s APE SISMICO PVT. LTD. Plot No. F-383, Phase-1, Masoorie Gulawati Road, Industrial Area, UPSIDC. Hapur-245101.	PPL/F/7.8/01	Page 1 of 1
	ULR No. :	CC289925000017730F
	Certificate No.	PPL/M/07-25/1506/7
	Date Of Receipt :	12-07-2025
	Date of Calibration :	14-07-2025
	Date of Issue :	14-07-2025
Next Due Date Requested by Customer : 13-07-2026		

Instrument Detail (s)

Name : Plunger Type Dial Gauge	Identification No. : DG-02
Make : Baker	Serial No. : DCH738
Range : (0 to 10) mm	Location : —
Least Count : 0.01 mm	Visual Inspection : OK

Environmental Condition Maintained During Calibration

Temperature : (20±1) °C	Relative Humidity : (50±10)%
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Reference Standard (s) / Master Equipment Used For Calibration

S.N.	Nomenclature	Make	Id. / Sr. No.	Certificate No.	Due Date of Calibration	Calibrated By
1.	ULM	Aditya	PPL/MECH/036	TI/1/ULM/001/24	06-09-2026	TI-Faridabad

Traceability : Master equipment used are traceable to S.I. units through unbroken chain of calibration from NABI, accredited lab. / competent lab. / NPL, New Delhi.

Calibration Performed at : Permanent Lab.	Calibration Method Used : WI - 04M (Comparison Method) & Reference Standard : IS:2092
---	---

Calibration Result (s)

Sr. No	Nominal Value (UUC) (mm)	Error (μm)	Sr. No.	Nominal Value (UUC) (mm)	Error (μm)	Sr. No.	Nominal Value (UUC) (mm)	Error (μm)
1.	0.0	-0.1	14.	1.3	-0.6	27.	4.9	-2.8
2.	0.1	-0.2	15.	1.4	-0.9	28.	5.0	-3.0
3.	0.2	-0.1	16.	1.5	-1.0	29.	6.0	-3.2
4.	0.3	-0.1	17.	1.6	-1.2	30.	6.1	-3.3
5.	0.4	-0.3	18.	1.7	-1.4	31.	6.9	-3.5
6.	0.5	-0.2	19.	1.8	-1.6	32.	7.0	-3.7
7.	0.6	-0.3	20.	1.9	-1.7	33.	8.0	-3.8
8.	0.7	-0.4	21.	2.0	-1.8	34.	8.1	-3.9
9.	0.8	-0.6	22.	2.1	-1.9	35.	8.9	-4.1
10.	0.9	-0.5	23.	2.9	-2.1	36.	9.0	-4.2
11.	1.0	-0.6	24.	3.0	-2.3	37.	10.0	-4.4
12.	1.1	-0.5	25.	4.0	-2.5	-	-	-
13.	1.2	-0.7	26.	4.1	-2.7	-	-	-

Uncertainty Of Measurement : ±6μm (The reported uncertainty is at coverage factor k = 2,

Which correspond to coverage probability of approximately 95.45% of a normal distribution.)

NOTE :-

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- This report should not be reproduced except in full without our prior permission in writing.
- UUC :- Unit Under Calibration / GUT :- Gauge Under Testing.
- Calibration certificate without signature are not valid.

Calibrated By
Anshu Srivastav
(Calibration Engineer)



Reviewed / Issued / Approved By
Sumit Kumar Ojha
(QM/Dy. TM)

C - 48 (Ground Floor), Sector - 88, Noida, Dist. - G. B. Nagar, U. P. - 201305.

Helpline No.s : +91 97177 66224, +91 99991 76950, +91 98715 75095, +91 97177 30031, +91 99533 18466, +91 97177 33244

Tel. No. : (+91120) 6385497 E - mail :- info@pascal-group.com, pascal.noida@gmail.com Visit us at : www.pascal-group.com



CALIBRATION CERTIFICATE

User's Name & Address : M/s APE SISMICO PVT. LTD. Plot No. F-383, Phase-1, Masoorie Gulawati Road, Industrial Area, UPSIDC. Hapur-245101.	PPL/E/7.8/01	Page 1 of 1
	ULR No. :	CC289925000017731F
	Certificate No.	PPL/M/07-25/1506/8
	Date Of Receipt :	12-07-2025
	Date of Calibration :	14-07-2025
	Date of Issue :	14-07-2025
Next Due Date Requested by Customer : 13-07-2026		

Instrument Detail (s)

Name : Plunger Type Dial Gauge	Identification No. : DG-03
Make : Baker	Serial No. : DCG924
Range : (0 to 10) mm	Location : ---
Least Count : 0.01 mm	Visual Inspection : OK

Environmental Condition Maintained During Calibration

Temperature : (20±1) °C	Relative Humidity : (50±10)%
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Reference Standard (s) / Master Equipment Used For Calibration

S.N.	Nomenclature	Make	Id. / Sr. No.	Certificate No.	Due Date of Calibration	Calibrated By
1.	ULM	Aditya	PPL/MECH/036	TI/1/ULM/001/24	06-09-2026	TI-Faridabad

Traceability : Master equipment used are traceable to S.I. units through unbroken chain of calibration from NABL accredited lab. / competent lab. / NPL, New Delhi.

Calibration Performed at : Permanent Lab.	Calibration Method Used : WI - 04M (Comparison Method) & Reference Standard : IS:2092
---	---

Calibration Result (s)

Sr. No	Nominal Value (UUC) (mm)	Error (µm)	Sr. No.	Nominal Value (UUC) (mm)	Error (µm)	Sr. No.	Nominal Value (UUC) (mm)	Error (µm)
1.	0.0	0.1	14.	1.3	1.9	27.	4.9	3.5
2.	0.1	0.2	15.	1.4	2.0	28.	5.0	3.6
3.	0.2	0.4	16.	1.5	2.1	29.	6.0	3.8
4.	0.3	0.5	17.	1.6	2.2	30.	6.1	4.0
5.	0.4	0.7	18.	1.7	2.3	31.	6.9	4.2
6.	0.5	0.8	19.	1.8	2.4	32.	7.0	4.3
7.	0.6	0.9	20.	1.9	2.5	33.	8.0	4.5
8.	0.7	1.0	21.	2.0	2.6	34.	8.1	4.6
9.	0.8	1.1	22.	2.1	2.7	35.	8.9	4.8
10.	0.9	1.3	23.	2.9	2.8	36.	9.0	4.9
11.	1.0	1.4	24.	3.0	2.9	37.	10.0	5.1
12.	1.1	1.6	25.	4.0	3.1	-	-	-
13.	1.2	1.8	26.	4.1	3.3	-	-	-

Uncertainty Of Measurement : $\pm 6\mu\text{m}$ (The reported uncertainty is at coverage factor $k = 2$,
Which correspond to coverage probability of approximately 95.45% of a normal distribution.)

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3. UUC : - Unit Under Calibration / GUT : - Gauge Under Testing.
4. Calibration certificate without signature are not valid.

Calibrated By
Anshu Srivastav
(Calibration Engineer)



Reviewed / Issued / Approved By
Sumit Kumar Ojha
(QM/Dy. TM)

C- 48 (Ground Floor), Sector - 88, Noida, Dist. - G. B. Nagar, U.P. - 201305.

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CALIBRATION CERTIFICATE

PPL/F/7.8/01 Page 1 of 1

User's Name & Address :

M/s APE SISMICO PVT. LTD.

Plot No. F-383, Phase-1, Masoorie Gulawati Road, Industrial Area,
UPSIDC, Hapur-245101.

ULR No. :

CC289925000017732F

Certificate No.

PPL/M/07-25/1506/9

Date Of Receipt :

12-07-2025

Date of Calibration :

14-07-2025

Date of Issue :

14-07-2025

Next Due Date Requested by Customer : 13-07-2026

Instrument Detail (s)

Name	: Plunger Type Dial Gauge	Identification No.	: DG-04
Make	: Baker	Serial No.	: DBC808
Range	: (0 to 10) mm	Location	: ---
Least Count	: 0.01 mm	Visual Inspection	: OK

Environmental Condition Maintained During Calibration

Temperature	: (20±1) °C	Relative Humidity	: (50±10)%
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Reference Standard (s) / Master Equipment Used For Calibration

S.N.	Nomenclature	Make	Id./Sr. No.	Certificate No.	Due Date of Calibration	Calibrated By
1.	ULM	Aditya	PPL/MECH/036	TI/1/ULM/001/24	06-09-2026	TI-Faridabad

Traceability : Master equipment used are traceable to S.I. units through unbroken chain of calibration from NABL accredited lab. / competent lab. / NPL, New Delhi.

Calibration Performed at : Permanent Lab.

Calibration Method Used : WI - 04M(Comparison Method) & Reference Standard : IS:2092

Calibration Result (s)

Sr. No	Nominal Value (UUC)(mm)	Error (µm)	Sr. No.	Nominal Value (UUC)(mm)	Error (µm)	Sr. No.	Nominal Value (UUC)(mm)	Error (µm)
1.	0.0	0.1	14.	1.3	-0.9	27.	4.9	-2.5
2.	0.1	0.2	15.	1.4	-1.0	28.	5.0	-2.7
3.	0.2	0.1	16.	1.5	-1.1	29.	6.0	-2.9
4.	0.3	-0.1	17.	1.6	-1.3	30.	6.1	-3.0
5.	0.4	-0.3	18.	1.7	-1.5	31.	6.9	-3.1
6.	0.5	-0.3	19.	1.8	-1.7	32.	7.0	-3.2
7.	0.6	-0.4	20.	1.9	-1.8	33.	8.0	-3.3
8.	0.7	-0.5	21.	2.0	-1.6	34.	8.1	-3.4
9.	0.8	-0.6	22.	2.1	-1.9	35.	8.9	-3.5
10.	0.9	-0.7	23.	2.9	-2.0	36.	9.0	-3.6
11.	1.0	-0.8	24.	3.0	-2.1	37.	10.0	-3.8
12.	1.1	-0.9	25.	4.0	-2.2	-	-	-
13.	1.2	-0.8	26.	4.1	-2.3	-	-	-

Uncertainty Of Measurement: ±6µm (The reported uncertainty is at coverage factor $k = 2$,

Which correspond to coverage probability of approximately 95.45% of a normal distribution.)

NOTE :-

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4. Calibration certificate without signature are not valid.

Calibrated By
Anshu Srivastav
(Calibration Engineer)Reviewed / Issued / Approved By
Sumit Kumar Ojha
(QM/ Dy. TM)

C - 48 (Ground Floor), Sector - 88, Noida, Dist. - G.B. Nagar, U.P. - 201305.

Helpline No.s : +91 97177 66224, +91 99991 76950, +91 98715 75095, +91 97177 30031, +91 99533 18466, +91 97177 33244

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PASCAL PHYSICAL LABORATORY LLP

CALIBRATION CERTIFICATE

PPL/F/7.8/01 Page 1 of 1

User's Name & Address :

M/s APE SISMICO PVT. LTD.

Plot No. F-383, Phase-1, Masoorie Gulawati Road, Industrial Area,
UPSIDC. Hapur-245101.**ULR No. :**

CC289925000017733F

Certificate No.

PPL/M/07-25/1506/10

Date Of Receipt :

12-07-2025

Date of Calibration :

14-07-2025

Date of Issue :

14-07-2025

Next Due Date Requested by Customer : 13-07-2026

Instrument Detail (s)

Name	: Plunger Type Dial Gauge	Identification No.	: DG-05
Make	: Baker	Serial No.	: DCG932
Range	: (0 to 10) mm	Location	: ---
Least Count	: 0.01 mm	Visual Inspection	: OK

Environmental Condition Maintained During Calibration

Temperature	: (20±1) °C	Relative Humidity	: (50±10)%
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Reference Standard (s) / Master Equipment Used For Calibration

S.N.	Nomenclature	Make	Id. / Sr. No.	Certificate No.	Due Date of Calibration	Calibrated By
1.	ULM	Aditya	PPL/MECH/036	TI/1/ULM/001/24	06-09-2026	TI-Faridabad

Traceability : Master equipment used are traceable to S.I. units through unbroken chain of calibration from NABL accredited lab. / competent lab. / NPL, New Delhi.

Calibration Performed at : Permanent Lab.

Calibration Method Used : WI- 04M(Comparison Method) & Reference Standard : IS:2092

Calibration Result (s)

Sr. No	Nominal Value (UUC)(mm)	Error (μ m)	Sr. No.	Nominal Value (UUC)(mm)	Error (μ m)	Sr. No.	Nominal Value (UUC)(mm)	Error (μ m)
1.	0.0	0.1	14.	1.3	-0.9	27.	4.9	-2.7
2.	0.1	0.2	15.	1.4	-1.0	28.	5.0	-2.9
3.	0.2	0.1	16.	1.5	-1.1	29.	6.0	-3.1
4.	0.3	-0.1	17.	1.6	-1.3	30.	6.1	-3.2
5.	0.4	-0.3	18.	1.7	-1.5	31.	6.9	-3.4
6.	0.5	-0.3	19.	1.8	-1.6	32.	7.0	-3.7
7.	0.6	-0.4	20.	1.9	-1.7	33.	8.0	-3.8
8.	0.7	-0.5	21.	2.0	-1.8	34.	8.1	-4.1
9.	0.8	-0.6	22.	2.1	-2.0	35.	8.9	-4.2
10.	0.9	-0.7	23.	2.9	-2.1	36.	9.0	-4.4
11.	1.0	-0.8	24.	3.0	-2.2	37.	10.0	-4.7
12.	1.1	-0.9	25.	4.0	-2.3	-	-	-
13.	1.2	-0.8	26.	4.1	-2.5	-	-	-

Uncertainty Of Measurement : $\pm 6\mu$ m (The reported uncertainty is at coverage factor $k = 2$,

Which correspond to coverage probability of approximately 95.45% of a normal distribution.)

NOTE :-

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4. Calibration certificate without signature are not valid.

Calibrated By
Anshu Srivastav
(Calibration Engineer)



Reviewed / Issued / Approved By
Sumit Kumar Ojha
(QM / Dy. TM)

C - 48 (Ground Floor), Sector - 88, Noida, Dist. - G. B. Nagar, U. P. - 201305.

Helpline No.s : +91 97177 66224, +91 99991 76950, +91 98715 75095, +91 97177 30031, +91 99533 18466, +91 97177 33244

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CALIBRATION CERTIFICATE

PPL/F/7.8/01 Page 1 of 1

User's Name & Address :

M/s APE SISMICO PVT. LTD.
Plot No. F-383, Phase-1, Masoorie Gulawati Road, Industrial Area,
UPSIDC, Hapur-245101.

ULR No. : CC289925000017735F
Certificate No. PPL/M/07-25/1506/12
Date Of Receipt : 12-07-2025
Date of Calibration : 14-07-2025
Date of Issue : 14-07-2025
Next Due Date Requested by Customer : 13-07-2026

Instrument Detail (s)

Name	: Digital Coating Thickness Gauge	Identification No.	: CM-01
Make	: Coatmeasure	Serial No.	: —
Range	: (0 to 19.9) μm (20 to 2000) μm	Location	: —
Least Count	: 0.1 / 1 μm	Visual Inspection	: OK

Environmental Condition Maintained During Calibration

Temperature	: (20 $\pm$ 1) $^{\circ}\text{C}$	Relative Humidity	: (50 $\pm$ 10)%
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Reference Standard (s) / Master Equipment Used For Calibration

S.N.	Nomenclature	Make	Id. / Sr. No.	Certificate No.	Due Date of Calibration	Calibrated By
1.	Set Of Standard Foils	—	PPL/MECH/011	PPL/M/12-24/0278/1	04-12-2025	PPL-Noida

Traceability : Master equipment used are traceable to S.I. units through unbroken chain of calibration from NABL accredited lab. / competent lab. / NPL, New Delhi.

Calibration Performed at :	Permanent Lab.	Calibration Method Used :	WI - 019M(Comparison Method)
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Calibration Result (s)

Sr. No.	Standard Reading (Master) (μm)	Observed Reading (UUC) (μm)	$\pm$ Uncertainty Of Measurement at 95.45% conf. level $k=2$ (μm)
1.	10.2	10.3	2.3
2.	25.2	24	2.3
3.	50.4	49	2.3
4.	125.2	123	2.3
5.	249.4	247	2.3
6.	420.5	418	2.3
7.	505.4	501	2.3
8.	744.3	739	5.0

NOTE :-

1. The calibration results reported in this certificate are valid at the time and the stated condition of measurement and for the items submitted.
2. This report should not be reproduced except in full without our prior permission in writing.
3. UUC : - Unit Under Calibration / GUT : - Gauge Under Testing.
4. Calibration certificate without signature are not valid.

Calibrated By
Anshu Srivastav
(Calibration Engineer)



Reviewed / Issued / Approved By
Sumit Kumar Ojha
(QM/Dy. TM)

C - 48 (Ground Floor), Sector - 88, Noida, Dist. - G. B. Nagar, U. P. - 201305.

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CALIBRATION CERTIFICATE

PPL/F/7.8/01

Page 1 of 1

Calibration Certificate Of	Certificate No.	Date of Calibration	Sugg. Date of Next Calibration
Shore A Hardness Tester	PPL/07-25/0254/1	14-07-2025	13-07-2026

User's Name & Address : M/s APE SISMICO PVT. LTD.
Plot No. F-383, Phase-1, Masoorie Gulawati Road, Industrial Area,
UPSIDC. Hapur-245101.

Instrument Detail (s)

Make : Bse	Date Of Receipt : 14-07-2025
Range : (0 to 100) Shore-A	Location : —
Least Count : 1 Shore-A	Visual Inspection : OK
Inst. Id. No. : HT-01	Temperature / Relative Humidity : (20±1) Deg. C. / (50±10)%
Inst. Sr. No. : 10374	Calibration Performed At : Lab.

Reference Standard (s) Used For Calibration

S.N.	Nomenclature	Make	Id./Sr. No.	Certificate No.	Due Date of Calibration	Calibrated By
1.	Digital Weighing Balance	Panasonic	PPL/WB/02	AT25000000202	12-02-2026	AT-Faridabad

Calibration Result (s)

Sr. No.	Nominal Value (UUC) (Shore-A)	Correspondence Value (UUC) (Newton)	Calculated Observed Value (Master) (Newton)
1.	00	0.55	0.552
2.	10	1.30	1.296
3.	20	2.05	2.044
4.	30	2.80	2.785
5.	40	3.55	3.544
6.	50	4.30	4.276
7.	60	5.05	5.044
8.	70	5.80	5.785
9.	80	6.55	6.533
10.	90	7.30	7.273
11.	95	7.675	7.662

Calibration Specification Based On : ASTM D 2240-05 (WI - 88M)

Uncertainty Of Measurement : $\pm 0.5\%$ of FSD (The reported uncertainty is at coverage factor $k = 2$,
Which correspond to coverage probability of approximately 95% of a normal distribution.)

NOTE :-

1. The calibration results reported in this certificate are valid at the time and the stated condition of measurement.
2. This report should not be reproduced except in full without our prior permission in writing.
3. UUC : - Unit Under Calibration / GUT : - Gauge Under Testing.
4. Calibration certificate without signature are not valid.
5. Our Measurements are Traceable to S.I. Unit through unbroken chain of Calibration.

Calibrated By
Anshu Srivastav
(Calibration Engineer)



Reviewed / Issued / Approved By
Sumit Kumar Ojha
(QM / Dy. TM)

C - 48 (Ground Floor), Sector - 88, Noida, Dist. - G. B. Nagar, U. P. - 201305.

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CALIBRATION CERTIFICATE

PPL/F/7.8/01 Page 1 of 1

User's Name & Address :

M/s APE SISMICO PVT. LTD.
Plot No. F-383, Phase-1, Masoorie Gulawati Road, Industrial Area,
UPSIDC. Hapur-245101.

ULR No. : CC289925000017704F
Certificate No. PPL/E/07-25/1503/2
Date Of Receipt : 14-07-2025
Date of Calibration : 14-07-2025
Date of Issue : 15-07-2025
Next Due Date Requested by Customer : 13-07-2026

Instrument Detail (s)

Name	: Welding Machine (DC Ammeter)	Identification No.	: ASPL-02
Make	: Electra	Serial No.	: —
Model No.	: —	Accuracy	: As per Specification
Range	: (0 to 400) A	Location	: —
Least Count	: 1 A	Visual Inspection	: OK

Environmental Condition Maintained During Calibration

Temperature : 27.8 °C Relative Humidity : 62%

Reference Standard (s) / Master Equipment Used For Calibration

S.N.	Nomenclature	Make	Id. / Sr. No.	Certificate No.	Due Date of Calibration	Calibrated By
1.	Precision Multimeter	Fluke	PPL/ET/01	AIPL/200924/4-1	21-09-2025	AIPL-Noida

Traceability : Master equipment used are traceable to S.I. units through unbroken chain of calibration from NABL accredited lab. / competent lab. / NPL, New Delhi.

Calibration Performed at : Site Calibration Method Used : WI - 01E (Comparison Method) & Reference Standard : IS:1248

Calibration Result (s)

Sr. No.	Nominal Value (UUC) (Amp)	Calculated Observed Value (Master) (Amp)	± Uncertainty Of Measurement at 95.45% conf. level k=2 (Amp)
1.	50	49.8148	0.5782
2.	100	99.6325	0.614
3.	200	199.114	0.711
4.	300	298.825	0.851
5.	400	398.418	0.961

Remark:- DC Ammeter (FSD = 75 mV)

NOTE :-

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3. UUC : Under Calibration / GUT : - Gauge Under Testing.
4. Calibration certificate without signature are not valid.

Calibrated By
Anshu Srivastav
(Calibration Engineer)



Reviewed / Issued / Approved By
Sumit Kumar Ojha
(QM/Dy. TM)

C - 48 (Ground Floor), Sector - 88, Noida, Dist. - G. B. Nagar, U. P. - 201305.

Helpline No.s : +91 97177 66224, +91 99991 76950, +91 98715 75095, +91 97177 30031, +91 99533 18466, +91 97177 33244

Tel. No. : (+91120) 6385497 E-mail :- info@pascal-group.com, pascal.noida@gmail.com Visit us at : www.pascal-group.com



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CALIBRATION CERTIFICATE

PPL/F/7.8/01 Page 1 of 1

User's Name & Address :

M/s APE SISMICO PVT. LTD.
Plot No. F-383, Phase-1, Masoorie Gulawati Road, Industrial Area,
UPSIDC. Hapur-245101.

ULR No. : CC289925000017703F
Certificate No. PPL/E/07-25/1503/1
Date Of Receipt : 14-07-2025
Date of Calibration : 14-07-2025
Date of Issue : 15-07-2025
Next Due Date Requested by Customer : 13-07-2026

Instrument Detail (s)

Name	: Welding Machine (DC Ammeter)	Identification No.	: ASPL-01
Make	: Electra	Serial No.	: —
Model No.	: —	Accuracy	: As per Specification
Range	: (0 to 400) A	Location	: —
Least Count	: 1 A	Visual Inspection	: OK

Environmental Condition Maintained During Calibration

Temperature	: 27.6 °C	Relative Humidity	: 59%
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Reference Standard (s) / Master Equipment Used For Calibration

S.N.	Nomenclature	Make	Id. / Sr. No.	Certificate No.	Due Date of Calibration	Calibrated By
1.	Precision Multimeter	Fluke	PPL/ET/01	AIPL/200924/4-1	21-09-2025	AIPL-Noida

Traceability : Master equipment used are traceable to S.I. units through unbroken chain of calibration from NABL accredited lab. / competent lab. / NPL, New Delhi.

Calibration Performed at : Site	Calibration Method Used : WI - 01E (Comparison Method) & Reference Standard : IS:1248
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Calibration Result (s)

Sr. No.	Nominal Value (UUC) (Amp)	Calculated Observed Value (Master) (Amp)	± Uncertainty Of Measurement at 95.45% conf. level k=2 (Amp)
1.	50	49.9145	0.5782
2.	100	99.8562	0.614
3.	200	199.652	0.711
4.	300	298.854	0.851
5.	400	397.632	0.961

Remark:- DC Ammeter (FSD = 75 mV)

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4. Calibration certificate without signature are not valid.

Calibrated by
Anshu Srivastav
(Calibration Engineer)



Reviewed / Issued / Approved By
Sumit Kumar Ojha
(QM / Dy. TM)

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CALIBRATION CERTIFICATE

PPL/E/7.8/01 Page 1 of 1

User's Name & Address :

M/s APE SISMICO PVT. LTD.

Plot No. F-383, Phase-1, Masoorie Gulawati Road, Industrial Area,
UPSIDC, Hapur-245101.

ULR No. :

CC289925000017708F

Certificate No.

PPL/E/07-25/1503/6

Date Of Receipt :

14-07-2025

Date of Calibration :

14-07-2025

Date of Issue :

15-07-2025

Next Due Date Requested by Customer : 13-07-2026

Instrument Detail (s)

Name :	Digital Temperature Controller (K - Type)	Identification No. :	DTC-01
Make :	ithrem	Serial No. :	—
Model No. :	DTI-2	Accuracy :	As per Specification
Range :	(0 to 900) °C	Location :	Muffle Furnace
Least Count :	1 °C	Visual Inspection :	OK

Environmental Condition Maintained During Calibration

Temperature :	28.5 °C	Relative Humidity :	59%
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Reference Standard (s) / Master Equipment Used For Calibration

S.N.	Nomenclature	Make	Id. / Sr. No.	Certificate No.	Due Date of Calibration	Calibrated By
1.	Universal Calibrator	Masibus	PPL/ET/03	AIPL/260824/1-2	27-08-2025	AIPL-Noida

Traceability : Master equipment used are traceable to S.I. units through unbroken chain of calibration from NABL accredited lab. / competent lab. / NPL, New Delhi.

Calibration Performed at : Site

Calibration Method Used : WI - 10E (Simulation Method) & **Reference Standard :** ITS-90

Calibration Result (s)

Sr. No.	Standard Reading (Master) (°C)	Measured Reading (UUC) (°C)	± Uncertainty Of Measurement at 95.45% conf. level k=2 (°C)
1.	0.0	-1	0.95
2.	100.0	99	0.95
3.	200.0	198	0.95
4.	500.0	498	0.95
5.	700.0	697	0.95
6.	900.0	896	0.95

NOTE :-

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- Calibration certificate without signature are not valid.

Calibrated By
Anshu Srivastav
(Calibration Engineer)



Reviewed / Issued / Approved By
Sumit Kumar Ojha
(QM / Dy. TM)

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CALIBRATION CERTIFICATE

User's Name & Address : M/s APE SISMICO PVT. LTD. Plot No. F-383, Phase-1, Masoorie Gulawati Road, Industrial Area, UPSIDC. Hapur-245101.	PPL/E/7.8/01	Page 1 of 1
	ULR No. :	CC289925000017709F
	Certificate No.	PPL/E/07-25/1503/7
	Date Of Receipt :	14-07-2025
	Date of Calibration :	14-07-2025
	Date of Issue :	15-07-2025
Next Due Date Requested by Customer : 13-07-2026		

Instrument Detail (s)

Name :	Digital Temperature Controller (K - Type)	Identification No. :	DTC-02
Make :	ithrem	Serial No. :	---
Model No. :	DTI-2	Accuracy :	As per Specification
Range :	(0 to 250) °C	Location :	Hot Air Oven
Least Count :	1 °C	Visual Inspection :	OK

Environmental Condition Maintained During Calibration

Temperature :	28.4 °C	Relative Humidity :	57%
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Reference Standard (s) / Master Equipment Used For Calibration

S.N.	Nomenclature	Make	Id. / Sr. No.	Certificate No.	Due Date of Calibration	Calibrated By
1.	Universal Calibrator	Masibus	PPL/ET/03	AIPL/260824/1-2	27-08-2025	AIPL-Noida

Traceability : Master equipment used are traceable to S.I. units through unbroken chain of calibration from NABL accredited lab. / competent lab. / NPL, New Delhi.

Calibration Performed at : Site	Calibration Method Used : WI - 10E (Simulation Method) & Reference Standard : ITS-90
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Calibration Result (s)

Sr. No.	Standard Reading (Master) (°C)	Measured Reading (UUC) (°C)	± Uncertainty Of Measurement at 95.45% conf. level k=2 (°C)
1.	0.0	1	0.95
2.	50.0	51	0.95
3.	100.0	101	0.95
4.	150.0	152	0.95
5.	200.0	202	0.95

NOTE :-

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4. Calibration certificate without signature are not valid.

Calibrated By
Anshu Srivastav
(Calibration Engineer)



Reviewed / Issued / Approved By
Sumit Kumar Ojha
(QM / Dy. TM)

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CALIBRATION CERTIFICATE

Calibration Certificate Of	Certificate No.	Date of Calibration	PPL/F/7.8/01	Page 1 of 1
Weighing Balance (Digital)	PPL/07-25/0254/2	14-07-2025	Sugg. Date of Next Calibration	13-07-2026

User's Name & Address : M/s APE SISMICO PVT. LTD.
Plot No. F-383, Phase-1, Masoorie Gulawati Road, Industrial Area,
UPSIDC. Hapur-245101.

Instrument Detail (s)

Make	: Excel	Location	: ---
Range	: (0 to 500) g	Accuracy	: Not Specified
Least Count	: 0.01 g	Date Of Receipt	: 14-07-2025
Inst. Id. No.	: WB-01	Temperature / Relative Humidity	: 28.4 Deg. C./ 55%
Inst. Sr. No.	: 2487	Visual Inspection	: OK
Inst. Mod. No.	: ---	Calibration Performed At	: Site

Reference Standard (s) Used For Calibration

S.N.	Nomenclature	Make	Id. / Sr. No.	Certificate No.	Due Date of Calibration	Calibrated By
1.	Standard Weight Box	Weightronics	PPL/MECH/050	AT24000000015	15-09-2025	AT-Faridabad

Calibration Result (s)

Sr. No.	Standard Reading (Master) (g)	Measured Reading (UUC) (g)
1.	1	1.00
2.	2	2.00
3.	5	5.00
4.	10	10.01
5.	20	20.01
6.	50	49.99
7.	100	99.98
8.	200	199.97
9.	500	499.95

Calibration Specification Based On : OIML R 76-1 (WI - 069M)

Uncertainty Of Measurement : $\pm 0.7g$ (The reported uncertainty is at coverage factor $k = 2$,

Which correspond to coverage probability of approximately 95% of a normal distribution.)

NOTE :-

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4. Calibration certificate without signature are not valid.
5. Our Measurements are Traceable to S.I. Unit through unbroken chain of Calibration.

Calibrated By
Anshu Srivastav
(Calibration Engineer)



Reviewed / Issued / Approved By
Sumit Kumar Ojha
(QM / Dy. TM)

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CALIBRATION CERTIFICATE

User's Name & Address : M/s APE SISMICO PVT. LTD. Plot No. F-383, Phase-1, Masoorie Gulawati Road, Industrial Area, UPSIDC. Hapur-245101.	PPL/F/7.8/01 Page 1 of 1
ULR No. : CC289925000017734F	Certificate No. PPL/M/07-25/1506/11
Date Of Receipt : 12-07-2025	Date of Calibration : 14-07-2025
Date of Issue : 14-07-2025	Next Due Date Requested by Customer : 13-07-2026

Instrument Detail (s)

Name : Angle Protractor	Identification No. : AP-01
Make : Kristeel	Serial No. : —
Range : (0 to 180) °	Location : —
Least Count : 1°	Visual Inspection : OK

Environmental Condition Maintained During Calibration

Temperature : (20±1) °C	Relative Humidity : (50±10)%
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Reference Standard (s) / Master Equipment Used For Calibration

S.N.	Nomenclature	Make	Id. / Sr. No.	Certificate No.	Due Date of Calibration	Calibrated By
1.	Angle Gauge Block	Insize	PPL/MECH/016	KCP/38/23-24/8652	22-12-2025	KCP-Aurangbad

Traceability : Master equipment used are traceable to S.I. units through unbroken chain of calibration from NABL accredited lab. / competent lab. / NPL, New Delhi.

Calibration Performed at : Permanent Lab.	Calibration Method Used : WI - 011M (Comparison Method) & Reference Standard : IS:4239 & IS:5812
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Calibration Result (s)

Sr. No.	Standard Reading (Master)	Measured Reading (UUC)
1.	15° 10'	15°
2.	30° 20'	30°
3.	45°	45°
4.	60° 40'	60°
5.	90°	90°

Uncertainty Of Measurement : ± 29min (The reported uncertainty is at coverage factor $k = 2$,
Which correspond to coverage probability of approximately 95.45% of a normal distribution.)

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Calibrated By
Anshu Srivastav
(Calibration Engineer)



Reviewed / Issued / Approved By
Sumit Kumar Ojha
(QM / Py. TM)



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CALIBRATION CERTIFICATE

Calibration Certificate Of	Certificate No.	Date of Calibration	F01(7.8 / 01)	Page 1 of 1
Tensile Testing Machine	PPL/07-25/0254/3	14-07-2025	Sugg. Date of Next Calibration	13-07-2026

User 's Name & Address : M/s APE SISMICO PVT. LTD.
Plot No. F-383, Phase-1, Masoorie Gulawati Road, Industrial Area,
UPSIDC. Hapur-245101.

Instrument Detail (s)

Make	: Asian	Temperature	: 28.2 Deg. C.
Range	: (0 to 250) kgf	Relative Humidity	: 57%
Least Count	: 0.1 kgf	Visual Inspection	: OK
Inst. Id. No.	: TM-01	Calibration Performed At	: Site
Inst. Mod. No.	: —	Calibration Procedure	: WI-85M (IS:1828-2005)
Inst. Sr. No.	: 2617	Uncertainty of measurement	: ± 0.73 %
Date Of Receipt	: 14-07-2025	(at 95% confidence level, k=2)	
Location	: —		

Reference Standard (s) Used For Calibration

S.N.	Nomenclature	Make	Id. / Sr. No.	Certificate No.	Due Date of Calibration	Calibrated By
1.	Standard Weight Box	Weightronics	PPL/MECH/050	AT24000000015	15-09-2025	AT-Faridabad
2.	Standard Weights	—	PPL/SW-02	PMM/310824/21-1	01-09-2025	PMML-Noida

Calibration Result (s)

RANGE : 0 TO 2452 Newton (250 kgf)

Calibration in : Tension

Force (F) Newton	Std. At 23°C	Std. At R. Temp.	Observed (Fi)			Mean	Diff.	Error (%)	% Repeatability Error (b)	Class
			1	2	3					
500	500.2	500.5	498.3	499.5	501.5	499.77	-0.73	-0.15	0.64	1
1000	999.9	1000.2	997.4	998.3	999.5	998.40	-1.80	-0.18	0.21	1
1500	1500.1	1500.3	1495.2	1495.1	1494.6	1494.97	-5.33	-0.36	0.04	1
2000	2000.1	2000.2	1993.2	1994.4	1992.7	1993.43	-6.77	-0.34	0.08	1
2500	2500.2	2499.9	2489.5	2491.6	2492.6	2491.23	-8.67	-0.35	0.12	1
Obs. Readings on Removal of Force (Fio)			0	0	0					
Relative Zero Error % (Fo)			0	0	0					

Dial Gauge Settings : 1 & 0 revolutions pre stress.

Remarks : - This Machine has been verified and the accuracy errors have been found within the permissible limits as per IS 1828 (Part-I) Identical to ISO 7500-1

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5. Our Measurements are Traceable to S.I. Unit through unbroken chain of Calibration.

Calibrated by
Anshu Srivastav
(Calibration Engineer)



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