

## Calibration Certificate

Page 1 of 1

ULR NO.	: CC264923000001720F	SRF. Date	28.03.2023
Certificate No	: AMCS/23/1720	Calibration performed	AT SITE
SRF.NO.	: AMCS/23/035	Inst. receipt date	29.03.2023
User Name	: M/S SM AIR CONDITION	Date of Cali.	29.03.2023
Address	: Plot No.01 Preet Vihar Rampur Road Rudrapur Uttarakhand-263153	Due Date of Cali.	28.03.2024
		Certificate Issued Date	31.03.2023

Gauge for Calibration	PRESSURE GAUGE
Make	BLASK
Range	0-35 Kg/cm <sup>2</sup>
List Count	0.1 Kg/cm <sup>2</sup>
Instrument Id. No.	PG-Q2
Location	-----
Visual Inspection	OK
<b>ENVIRONMENTAL CONDITION</b>	
Temperature	(25±10)°C
Humidity	(50±20)%RH

### Equipment & Master Used For calibration

<b>1. DIG. PRESSURE GAUGE</b>	
Make	: R&D
Serial No.	: 16201609
Certificate No.	: CC205321000000266F
Next Due Date	: 17.08.2023
Traceability	: National Standard

### OBSERVATION RESULTS

Sl. No.	NOMINAL VALUE (UUC) (Kg/cm <sup>2</sup> )	OBSERVED VALUE (MASTER) (Kg/cm <sup>2</sup> ) (avg.)	
		Increasing	Decreasing
1.	00.0	00.00	00.00
2.	05.0	05.02	05.02
3.	10.0	10.06	10.06
4.	15.0	15.09	15.09
5.	20.0	20.13	20.13
6.	30.0	30.17	30.17
7.	35.0	35.21	35.21

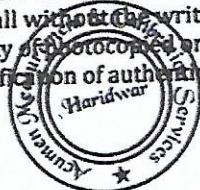
Calibration Procedure Based On : WI-09M (IS: 3624, RKD-R 6-1)  
 Uncertainty of Measurement : ±0.79 %FS (The reported uncertainty is at coverage factor k = 2,  
 Which correspond to coverage probability of approximately 95% of a normal distribution?)

#### NOTE :-

- The calibration results reported in this certificate are valid at the time of and the stated condition of measurement.
- Calibration certificate without signature is not valid.
- Reference used are directly traceable to national standard through unbroken chain of calibration.
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Calibrated By  
(QS-30F)



Issued / Approved By  
AMIT RAJ

Technical/Quality Manager



## Calibration Certificate

Page 1 of 1

ULR NO.	: CC264923000001719F	SRF. Date	28.03.2023
Certificate No	: AMCS/23/1719	Calibration performed	AT SITE
SRF.NO.	: AMCS/23/035	Inst. receipt date	29.03.2023
User Name	: M/S SM AIR CONDITION	Date of Cali.	29.03.2023
Address	: Plot No.01 Preet Vihar Rampur Road Rudrapur Uttarakhand-263153	Due Date of Cali.	28.03.2024
		Certificate Issued Date	31.03.2023

Gauge for Calibration	PRESSURE GAUGE
Make	BLASK
Range	0-25 Kg/cm <sup>2</sup>
List Count	0.1 Kg/cm <sup>2</sup>
Instrument Id. No.	PG-01
Location	-----
Visual Inspection	OK
<b>ENVIRONMENTAL CONDITION</b>	
Temperature	(25±10)°C
Humidity	(50±20)%RH

<b>Equipment &amp; Master Used For calibration</b>	
<b>1. DIG. PRESSURE GAUGE</b>	
Make	: R&D
Serial No.	: 16201609
Certificate No.	: CC205321000000266F
Next Due Date	: 17.08.2023
Traceability	: National Standard

### OBSERVATION RESULTS

Sl. No.	NOMINAL VALUE (UUC) (Kg/cm <sup>2</sup> )	OBSERVED VALUE (MASTER) (Kg/cm <sup>2</sup> ) (avg.)	
		Increasing	Decreasing
1.	00.0	00.00	00.00
2.	02.0	02.02	02.02
3.	05.0	05.05	05.05
4.	10.0	10.07	10.07
5.	15.0	15.09	15.09
6.	20.0	20.13	20.13
7.	25.0	25.17	25.17

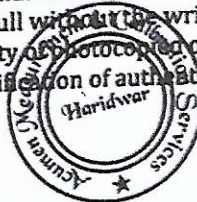
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Calibrated By  
(Q3-30F)



Issued / Approved By  
AMIT RAI

Technical/Quality Manager

Calibration Lab for Electro-Technical, Mechanical & Thermal Parameters

24/25, Deep Ganga, Sector-5A, SIDCUL, Haridwar (Uttarakhand)-249403 INDIA



## Calibration Certificate

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ULR NO.	: CC264923000001721F	SRF. Date	28.03.2023
Certificate No	: AMCS/23/1721	Calibration performed	AT SITE
SRF.NO.	: AMCS/23/035	Inst. receipt date	29.03.2023
User Name	: M/S SM AIR CONDITION	Date of Cali.	29.03.2023
Address	: Plot No.01 Preet Vihar Rampur Road Rudrapur Uttarakhand-263153	Due Date of Cali.	28.03.2024
		Certificate Issued Date	31.03.2023

### Instrument Details

Name	: Dig. CLAMP METER	Uncertainty of measurement	: As per Range (at 95% confidence level, K=2)
Make	: HTC/CM-2007	Visual Inspection	: OK
Inst. ID No.	: DCM-01	Ref. Temperature	: 25±10 °C
Location	: -----	Ref. Rel. Humidity	: 50±20 %RH
Inst. Sl. No.	: -----	Calibration Procedure	: WI-01E, 02E
Range	: Ref. To Result		
Least Count	: Ref. To Result	03E, 04E&05E	

### Standard Equipment used for calibration

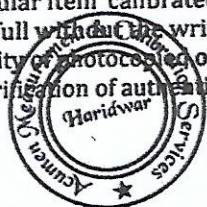
Name	Sr. No.	Make/ Model	Calibrated By	Certificate No.	Validity of Cal.
Multifunction calibrator	201805008	Zeal	GCTL	22/C-0302	26.05.2023

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Calibration Lab for Electro-Technical, Mechanical & Thermal Parameters

P4-35, Deep Ganga, Sector-5A, SIDCUL, Haridwar (Uttarakhand)-249403 INDIA

• Mobile : 7055147779, 01334-355822 • E-mail : acumencali.lab@gmail.com



Date of Calibration	Certificate No.	Suggested Due Date of Calibration	Page	No. Page
29.03.2023	AMCS/23/1721	28.03.2024	2	2

**DIG. CLAMP METER**

Make: HTC

ID No.: DCM-01

**OBSERVATION**

Parameter / Range	Set Value	Displayed Value on UUC	Uncertainty at 95% confidence level and coverage factor 2 is ±	Parameter / Range	Set Value	Displayed Value on UUC	Uncertainty at 95% confidence level and coverage factor 2 is ±
AC Voltage (50Hz) 0-600V	(V)	(V)	0.35% 0.35% 0.33% 0.33% 0.33% 0.33% 0.33%	DC Voltage 0-600V	(V)	(V)	0.499 0.499 0.499 0.499 0.499 0.499 0.499
	50.00	49.9			50.00	49.9	
	100.00	99.9			100.00	99.9	
	200.00	199.8			200.00	199.8	
	300.00	299.7			300.00	299.6	
	400.00	399.6			400.00	399.6	
	500.00	499.5			500.00	499.5	
600.00	599.4	600.00	599.5				
-	-	-	-	AC Current 0-1000A	(A)	(A)	2.639 2.639 2.639 2.639 2.639 2.639 2.639 2.639 2.639 2.639
	-	-			10.00	9.9	
	-	-			20.00	19.9	
	-	-			50.00	49.8	
	-	-			100.00	99.5	
	-	-			150.00	149.3	
	-	-			200.00	199.2	
	-	-			400.00	398.7	
	-	-			600.00	598.5	
	-	-			800.00	797.6	
-	-	900.00	897.1				

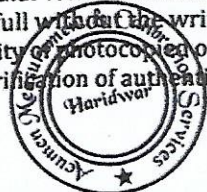
**Uncertainty of Measurement** : (the uncertainty stated is the expanded uncertainty of measurement Obtained by multiplying the Combined uncertainty by the coverage factor k=2 corresponds to confidence level of 95%)

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