



NABI

CERTIFICATE OF ACCREDITATION

VIKRAM AVIATION PVT. LTD.

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

PLOT NO - 2, KHASRA NO - 348/2, VILLAGE SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

in the field of

CALIBRATION

Certificate Number: CC-4223

Issue Date: 12/01/2025

Valid Until: 11/01/2029

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of thislaboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: VIKRAM AVIATION PVT. LTD.

Signed for and on behalf of NABL



Anita Rani Director

N. Venkateswaran Chief Executive Officer





VIKRAM AVIATION PVT. LTD

PLOT NO-2, KHASRA NO-348/2, VILL-SHAHBAD MOHAMADPUR, DELHI-61



NABL CALIBRATION CAPABILITY

DIGITAL MULTIMETER	S/N.	EQUIPMENT/INSTRUMENT/DUC	RANGE
AC AMPS-100 μA to 10A			
AC AMPS-100 μA to 10A			DC VOLT-1mV to 1000V
DC AMPS-100 IAA to10A RESISTANCE-1 Ω to500 MΩ RESURENCE-1 Ω to500 MΩ FREQUENCY-40Hz to1kHz CAPACITANCE-100 pF to 100 μF			
RESISTANCE-1 α to 500 MΩ FREQUENCY-40Hz to 1kHz			·
FREQUENCY-40Hz to1kHz			•
CAPACITANCE-100 pF to 100 μF			
3 AC VOLTMETER 200mV to750 VOLT			
4	2	DC VOLTMETER	1mV to 1000VOLT
5	3	AC VOLTMETER	200mV to750 VOLT
6 FREQUENCY METER 7 MEGGER (INSULATION TESTER) 8 BEVEL PROTRACTOR 9 DIGITAL/DIAL VERNIER CALIPER 10 to 300 mm (L.C0.01mm) 10 DEPTH CALIPER 10 to 300 mm (L.C0.01mm) 11 DEPTH GAUGE 11 DEPTH MICOMETER 12 DIAL GAUGE-LEVER TYPE 13 DIAL GAUGE-LEVER TYPE 14 DIAL GAUGE-LEVER TYPE 15 DIAL GAUGE-LEVER TYPE 16 DIAL THICKNESS GAUGE 17 EXTERNAL MICROMETER 18 EXTERNAL MICROMETER 19 to 300 mm (L.C0.001mm) 19 HEIGHT GAUGE 10 to 300 mm (L.C0.001mm) 10 to 25 mm (L.C0.001mm) 11 DIAL GAUGE-PLUNGER TYPE 10 to 100 mm (L.C0.001mm) 12 DIAL GAUGE-PLONGER TYPE 17 O TO 25 mm (L.C0.001mm) 18 EXTERNAL MICROMETER 19 O TO 25 mm (L.C0.001mm) 19 HEIGHT GAUGE 10 INCLINOMETER/CLINOMETER/DIGITAL ANGLE PROTRACTOR 21 INETERNAL MICROMETER 0 to 300 mm (L.C0.01mm) 22 MICROMETER SETTING ROD 25 mm to 300 mm (L.C0.001mm) 23 PUSH PULL GAUGE/FORCE GAUGE 1N to 1000N 24 DIGITAL/DIAL PRESSURE PRESSURE TRANSMITTER/TRANSDUCER 25 DIGITAL/DIAL PRESSURE 0 to 300 bar PRESSURE TRANSMITTER/TRANSDUCER 26 TORQUE WRENCH/DRIVER 2 Nm to 2000 Nm 27 INDICATOR WITH SENSOR OF HUMIDITY CHAMBER 28 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER 29 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER 30 LIQUID GLASS THERMETER -30 to 250 0C	4	AC AMMETER	100 μA to 10 AMPS.
The first control of the fir	5	DC AMMETER	100 μA to 10 AMPS.
8 BEVEL PROTRACTOR 0°to 360° (L.C-1') 9 DIGITAL/DIAL VERNIER CALIPER 0 to 300 mm (L.C -0.01mm) 10 DEPTH CALIPER 0 to 300 mm (L.C -0.01mm) 11 DEPTH GAUGE 0 to 300 mm (L.C -0.001mm) 12 DEPTH MICOMETER 0 to 300 mm (L.C -0.001mm) 13 DIAL GAUGE-LEVER TYPE 0 to 0.2 mm (L.C -0.001mm) 14 DIAL GAUGE-LEVER TYPE 0 to 1.5 mm (L.C -0.01mm) 15 DIAL GAUGE-PLUNGER TYPE 0 to 100 mm (L.C -0.01mm) 16 DIAL THICKNESS GAUGE 0 to 25 mm (L.C -0.001mm) 17 EXTERNAL MICROMETER 0 to 300 mm (L.C -0.001mm) 18 EXTERNAL MICROMETER 0 to 300 mm (L.C -0.01mm) 19 HEIGHT GAUGE 0 to 300 mm (L.C -0.01mm) 20 INCLINOMETER/CINOMETER/DIGHT 0° to 180° (L.C-0.6′) 21 INTURNAL MICROMETER POINT 5 mm to 300 mm (L.C -0.001mm) 22 MICROMETER SETTING ROD 25 mm to 275mm 23 PUSH PULL GAUGE/FORCE GAUGE 1N to 1000N 24 DIGITAL/DIAL PRESSURE PRESSURE RANSMITTER/TRANSDUCER 0 to 700 bar	6	FREQUENCY METER	40Hz to 1kHz
9 DIGITAL/DIAL VERNIER CALIPER 0 to 300 mm (L.C -0.01mm) 10 DEPTH CALIPER 0 to 300 mm (L.C -0.01mm) 11 DEPTH GAUGE 0 to 300 mm (L.C -0.001mm) 12 DEPTH MICOMETER 0 to 300 mm (L.C -0.001mm) 13 DIAL GAUGE-LEVER TYPE 0 to 0.2 mm (L.C -0.001mm) 14 DIAL GAUGE-LEVER TYPE 0 to 1.5 mm (L.C -0.001mm) 15 DIAL GAUGE-PUNGER TYPE 0 to 1.5 mm (L.C -0.01mm) 16 DIAL THICKNESS GAUGE 0 to 25 mm (L.C -0.01mm) 17 EXTERNAL MICROMETER 0 to 25 mm (L.C -0.001mm) 18 EXTERNAL MICROMETER 0 to 300 mm (L.C -0.001mm) 19 HEIGHT GAUGE 0 to 300 mm (L.C -0.01mm) 20 INCLINOMETER/CLINOMETER/ 0 to 300 mm (L.C -0.01mm) 21 INETERNAL MICROMETER/ 0 to 180° (L.C -0.01mm) 22 MICROMETER SETTING ROD 25 mm to 275mm 23 PUSH PULL GAUGE/FORCE GAUGE 1N to 1000N 24 DIGITAL/DIAL PRESSURE 0 to 700 bar 25 DIGITAL/DIAL PRESSURE 0 to 700 bar 26 TORQUE WRENCH/DRIVER 2 Nm to 2000 Nm 27 INDICATOR WITH SENSOR OF HUMIDITY 10% RH to 95 %RH @250C CHAMBER TRANSMITTER/TRANSDUCER 28 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER 29 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER 30 LIQUID GLASS THERMETER -30 to 250 0C	7	MEGGER (INSULATION TESTER)	1 Ω to -1 TΩ
9 DIGITAL/DIAL VERNIER CALIPER 0 to 300 mm (L.C -0.01mm) 10 DEPTH CALIPER 0 to 300 mm (L.C -0.01mm) 11 DEPTH GAUGE 0 to 300 mm (L.C -0.001mm) 12 DEPTH MICOMETER 0 to 300 mm (L.C -0.001mm) 13 DIAL GAUGE-LEVER TYPE 0 to 0.2 mm (L.C -0.001mm) 14 DIAL GAUGE-LEVER TYPE 0 to 1.5 mm (L.C -0.001mm) 15 DIAL GAUGE-PUNGER TYPE 0 to 1.5 mm (L.C -0.01mm) 16 DIAL THICKNESS GAUGE 0 to 25 mm (L.C -0.01mm) 17 EXTERNAL MICROMETER 0 to 25 mm (L.C -0.001mm) 18 EXTERNAL MICROMETER 0 to 300 mm (L.C -0.001mm) 19 HEIGHT GAUGE 0 to 300 mm (L.C -0.01mm) 20 INCLINOMETER/CLINOMETER/ 0 to 300 mm (L.C -0.01mm) 21 INETERNAL MICROMETER/ 0 to 180° (L.C -0.01mm) 22 MICROMETER SETTING ROD 25 mm to 275mm 23 PUSH PULL GAUGE/FORCE GAUGE 1N to 1000N 24 DIGITAL/DIAL PRESSURE 0 to 700 bar 25 DIGITAL/DIAL PRESSURE 0 to 700 bar 26 TORQUE WRENCH/DRIVER 2 Nm to 2000 Nm 27 INDICATOR WITH SENSOR OF HUMIDITY 10% RH to 95 %RH @250C CHAMBER TRANSMITTER/TRANSDUCER 28 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER 29 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER 30 LIQUID GLASS THERMETER -30 to 250 0C	8	BEVEL PROTRACTOR	0°to 360° (L.C-1')
11 DEPTH GAUGE 12 DEPTH MICOMETER 13 DIAL GAUGE-LEVER TYPE 14 DIAL GAUGE-LEVER TYPE 15 DIAL GAUGE-LEVER TYPE 16 DIAL GAUGE-LEVER TYPE 17 DIAL GAUGE-LEVER TYPE 18 DIAL GAUGE-PUNGER TYPE 19 O to 1.5 mm (L.C -0.001mm) 10 DIAL THICKNESS GAUGE 10 TO 25 mm (L.C -0.001mm) 11 EXTERNAL MICROMETER 10 TO 300 mm (L.C -0.001mm) 12 EXTERNAL MICROMETER 13 DIAL GAUGE-PUNGER TYPE 14 DIAL THICKNESS GAUGE 15 DIAL THICKNESS GAUGE 16 DIAL THICKNESS GAUGE 17 EXTERNAL MICROMETER 18 EXTERNAL MICROMETER 19 DI TO 300 mm (L.C -0.001mm) 10 HEIGHT GAUGE 10 INCLINOMETER/CLINOMETER/ DIGITAL ANGLE PROTRACTOR 21 INETERNAL MICROMETER-2 POINT 22 MICROMETER SETTING ROD 23 PUSH PULL GAUGE/FORCE GAUGE 24 DIGITAL/DIAL PRESSURE PRESSURE TRANSMITTER/TRANSDUCER 25 DIGITAL/DIAL PRESSURE PRESSURE TRANSMITTER/TRANSDUCER 26 TORQUE WRENCH/DRIVER 27 INDICATOR WITH SENSOR OF HUMIDITY CHAMBER 28 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER 29 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER 30 LIQUID GLASS THERMETER 30 LIQUID GLASS THERMETER -30 to 250 OC	9	DIGITAL/DIAL VERNIER CALIPER	0 to 300 mm (L.C -0.01mm)
12 DEPTH MICOMETER 13 DIAL GAUGE-LEVER TYPE 14 DIAL GAUGE-LEVER TYPE 15 DIAL GAUGE-LEVER TYPE 16 DIAL GAUGE-PUNGER TYPE 17 DIAL GAUGE-PUNGER TYPE 18 DIAL GAUGE-PUNGER TYPE 19 Oto 1.5 mm (L.C -0.01mm) 10 DIAL THICKNESS GAUGE 10 to 25 mm (L.C -0.01mm) 11 EXTERNAL MICROMETER 10 to 300 mm (L.C -0.001mm) 12 EXTERNAL MICROMETER 13 Oto 300 mm (L.C -0.01mm) 14 DIAL GAUGE 15 DIGITAL ANGLE PROTRACTOR 16 INCLINOMETER/CLINOMETER/ DIGITAL ANGLE PROTRACTOR 17 INETERNAL MICROMETER-2 POINT 18 DIGITAL ANGLE PROTRACTOR 21 INETERNAL MICROMETER-2 POINT 22 MICROMETER SETTING ROD 23 PUSH PULL GAUGE/FORCE GAUGE 24 DIGITAL/DIAL PRESSURE PRESSURE TRANSMITTER/TRANSDUCER 25 DIGITAL/DIAL PRESSURE PRESSURE TRANSMITTER/TRANSDUCER 26 TORQUE WRENCH/DRIVER 27 INDICATOR WITH SENSOR OF HUMIDITY CHAMBER 28 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER 29 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER 30 LIQUID GLASS THERMETER 30 LIQUID GLASS THERMETER -30 to 250 OC	10	DEPTH CALIPER	0 to 300 mm (L.C -0.01mm)
13 DIAL GAUGE-LEVER TYPE 0 to 0.2 mm (L.C -0.001mm) 14 DIAL GAUGE-LEVER TYPE 0 to 1.5 mm (L.C -0.01mm) 15 DIAL GAUGE-PLUNGER TYPE 0 to 100 mm (L.C -0.01mm) 16 DIAL THICKNESS GAUGE 0 to 25 mm (L.C -0.001mm) 17 EXTERNAL MICROMETER 0 to 300 mm (L.C -0.001mm) 18 EXTERNAL MICROMETER 0 to 300 mm (L.C -0.01mm) 19 HEIGHT GAUGE 0 to 300 mm (L.C -0.01mm) 20 INCLINOMETER/CLINOMETER/DIGITAL ANGLE PROTRACTOR 0° to 180° (L.C-0.6′) 21 INETERNAL MICROMETER-2 POINT 5 mm to 300 mm (L.C -0.001mm) 22 MICROMETER SETTING ROD 25 mm to 275mm 23 PUSH PULL GAUGE/FORCE GAUGE 1N to 1000N 24 DIGITAL/DIAL PRESSURE 0 to 700 bar 25 DIGITAL/DIAL PRESSURE 0 to 700 bar 26 PRESSURE TRANSMITTER/TRANSDUCER 27 INDICATOR WITH SENSOR OF HUMIDITY 10% RH to 95 %RH @250C 28 THERMO-HYGROMETER/RH SENSOR/RH 10% RH to 95 %RH @250C THAMBER 29 THERMO-HYGROMETER/RH SENSOR/RH 100 RH to 95 %RH @250C THANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER 30 LIQUID GLASS THERMETER -30 to 250 0C	11	DEPTH GAUGE	0 to 300 mm (L.C -0.001mm)
14 DIAL GAUGE-LEVER TYPE	12	DEPTH MICOMETER	0 to 300 mm (L.C -0.001mm)
15 DIAL GAUGE-PLUNGER TYPE 0 to 100 mm (L.C -0.01mm) 16 DIAL THICKNESS GAUGE 0 to 25 mm (L.C -0.001mm) 17 EXTERNAL MICROMETER 0 to 25 mm (L.C -0.001mm) 18 EXTERNAL MICROMETER 0 to 300 mm (L.C -0.01mm) 19 HEIGHT GAUGE 0 to 300 mm (L.C -0.01mm) 20 INCLINOMETER/CLINOMETER/DIGITAL ANGLE PROTRACTOR 21 INETERNAL MICROMETER-2 POINT 5 mm to 300 mm (L.C -0.001mm) 22 MICROMETER SETTING ROD 25 mm to 275 mm 23 PUSH PULL GAUGE/FORCE GAUGE 1N to 1000N 24 DIGITAL/DIAL PRESSURE PRESSURE PRESSURE TRANSMITTER/TRANSDUCER 25 DIGITAL/DIAL PRESSURE PRESSURE TRANSMITTER/TRANSDUCER 26 TORQUE WRENCH/DRIVER 2 Nm to 2000 Nm 27 INDICATOR WITH SENSOR OF HUMIDITY 10% RH to 95 %RH @250C CHAMBER 28 THERMO-HYGROMETER/RH SENSOR/RH 10% RH to 95 %RH @250C TRANSMITTER/CONTROLLER/DATA LOGGER 29 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER 30 LIQUID GLASS THERMETER -30 to 250 0C 31 RTD/THERMOCOUPLE/TRNSMITTER -30 to 250 0C	13	DIAL GAUGE-LEVER TYPE	0 to 0.2 mm (L.C -0.001mm)
16 DIAL THICKNESS GAUGE 17 EXTERNAL MICROMETER 18 EXTERNAL MICROMETER 19 O to 25 mm (L.C -0.001mm) 18 EXTERNAL MICROMETER 19 O to 300 mm (L.C -0.01mm) 19 HEIGHT GAUGE 20 INCLINOMETER/CLINOMETER/ DIGITAL ANGLE PROTRACTOR 21 INETERNAL MICROMETER-2 POINT 22 MICROMETER SETTING ROD 23 PUSH PULL GAUGE/FORCE GAUGE 24 DIGITAL/DIAL PRESSURE PRESSURE TRANSMITTER/TRANSDUCER 25 DIGITAL/DIAL PRESSURE PRESSURE TRANSMITTER/TRANSDUCER 26 TORQUE WRENCH/DRIVER 27 INDICATOR WITH SENSOR OF HUMIDITY CHAMBER 28 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER 29 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER 30 LIQUID GLASS THERMETER 30 LIQUID GLASS THERMETER 30 LOGGER/RECORDER 4 TOO 100 TO	14	DIAL GAUGE-LEVER TYPE	0 to 1.5 mm (L.C -0.01mm)
17 EXTERNAL MICROMETER 0 to 25 mm (L.C -0.001mm) 18 EXTERNAL MICROMETER 0 to 300 mm (L.C -0.01mm) 19 HEIGHT GAUGE 0 to 300 mm (L.C -0.01mm) 20 INCLINOMETER/CLINOMETER/DIGITAL ANGLE PROTRACTOR 21 INETERNAL MICROMETER-2 POINT 5 mm to 300 mm (L.C -0.001mm) 22 MICROMETER SETTING ROD 25 mm to 275mm 23 PUSH PULL GAUGE/FORCE GAUGE 1N to 1000N 24 DIGITAL/DIAL PRESSURE 0 to 700 bar PRESSURE TRANSMITTER/TRANSDUCER 25 DIGITAL/DIAL PRESSURE 0 to 700 bar PRESSURE TRANSMITTER/TRANSDUCER 26 TORQUE WRENCH/DRIVER 2 Nm to 2000 Nm 27 INDICATOR WITH SENSOR OF HUMIDITY 10% RH to 95 %RH @250C CHAMBER 10% RH to 95 %RH @250C THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER 29 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER 30 LIQUID GLASS THERMETER -30 to 250 0C 31 RTD/THERMOCOUPLE/TRNSMITTER -30 to 250 0C	15	DIAL GAUGE-PLUNGER TYPE	0 to 100 mm (L.C -0.01mm)
18 EXTERNAL MICROMETER 0 to 300 mm (L.C -0.01mm) 19 HEIGHT GAUGE 0 to 300 mm (L.C -0.01mm) 20 INCLINOMETER/CLINOMETER/ 0° to 180° (L.C-0.6′) 21 INETERNAL MICROMETER-2 POINT 5 mm to 300 mm (L.C -0.001mm) 22 MICROMETER SETTING ROD 25 mm to 275mm 23 PUSH PULL GAUGE/FORCE GAUGE 1N to 1000N 24 DIGITAL/DIAL PRESSURE 0 to 700 bar PRESSURE TRANSMITTER/TRANSDUCER 25 DIGITAL/DIAL PRESSURE 0 to 30 bar PRESSURE TRANSMITTER/TRANSDUCER 26 TORQUE WRENCH/DRIVER 2 Nm to 2000 Nm 27 INDICATOR WITH SENSOR OF HUMIDITY 10% RH to 95 %RH @250C CHAMBER 10% RH to 95 %RH @250C TRANSMITTER/CONTROLLER/DATA LOGGER 29 THERMO-HYGROMETER/RH SENSOR/RH 100 Cto 500C @50%RH TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER 30 LIQUID GLASS THERMETER -30 to 250 0C 31 RTD/THERMOCOUPLE/TRNSMITTER	16	DIAL THICKNESS GAUGE	0 to 25 mm (L.C -0.001mm)
19 HEIGHT GAUGE 0 to 300 mm (L.C -0.01mm) 20 INCLINOMETER/CLINOMETER/ 0° to 180° (L.C-0.6′) 21 INETERNAL MICROMETER-2 POINT 5 mm to 300 mm (L.C -0.001mm) 22 MICROMETER SETTING ROD 25 mm to 275mm 23 PUSH PULL GAUGE/FORCE GAUGE 1N to 1000N 24 DIGITAL/DIAL PRESSURE 0 to 700 bar 25 PRESSURE TRANSMITTER/TRANSDUCER 26 TORQUE WRENCH/DRIVER 2 Nm to 2000 Nm 27 INDICATOR WITH SENSOR OF HUMIDITY CHAMBER 28 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER 29 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER 30 LIQUID GLASS THERMETER -30 to 250 0C 31 RTD/THERMOCOUPLE/TRNSMITTER -30 to 250 0C	17	EXTERNAL MICROMETER	0 to 25 mm (L.C -0.001mm)
20 INCLINOMETER/CLINOMETER/DIGITAL ANGLE PROTRACTOR 21 INETERNAL MICROMETER-2 POINT 5 mm to 300 mm (L.C -0.001mm) 22 MICROMETER SETTING ROD 25 mm to 275 mm 23 PUSH PULL GAUGE/FORCE GAUGE 1N to 1000N 24 DIGITAL/DIAL PRESSURE 0 to 700 bar PRESSURE TRANSMITTER/TRANSDUCER 25 DIGITAL/DIAL PRESSURE 0 to 30 bar PRESSURE TRANSMITTER/TRANSDUCER 26 TORQUE WRENCH/DRIVER 2 Nm to 2000 Nm 27 INDICATOR WITH SENSOR OF HUMIDITY 10% RH to 95 %RH @250C CHAMBER 28 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER 29 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER 30 LIQUID GLASS THERMETER -30 to 250 0C 31 RTD/THERMOCOUPLE/TRNSMITTER -30 to 250 0C	18	EXTERNAL MICROMETER	0 to 300 mm (L.C -0.01mm)
DIGITAL ANGLE PROTRACTOR 21 INETERNAL MICROMETER-2 POINT 5 mm to 300 mm (L.C -0.001mm) 22 MICROMETER SETTING ROD 25 mm to 275mm 23 PUSH PULL GAUGE/FORCE GAUGE 1N to 1000N 24 DIGITAL/DIAL PRESSURE 0 to 700 bar PRESSURE TRANSMITTER/TRANSDUCER 25 DIGITAL/DIAL PRESSURE 0 to 30 bar PRESSURE TRANSMITTER/TRANSDUCER 26 TORQUE WRENCH/DRIVER 2 Nm to 2000 Nm 27 INDICATOR WITH SENSOR OF HUMIDITY 10% RH to 95 %RH @250C CHAMBER 28 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER 29 THERMO-HYGROMETER/RH SENSOR/RH 10 OCto 500C @50%RH TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER 30 LIQUID GLASS THERMETER -30 to 250 0C 31 RTD/THERMOCOUPLE/TRNSMITTER -30 to 250 0C	19	HEIGHT GAUGE	0 to 300 mm (L.C -0.01mm)
21	20	INCLINOMETER/CLINOMETER/	0° to 180° (L.C-0.6')
22 MICROMETER SETTING ROD 23 PUSH PULL GAUGE/FORCE GAUGE 24 DIGITAL/DIAL PRESSURE PRESSURE TRANSMITTER/TRANSDUCER 25 DIGITAL/DIAL PRESSURE PRESSURE TRANSMITTER/TRANSDUCER 26 TORQUE WRENCH/DRIVER 27 INDICATOR WITH SENSOR OF HUMIDITY CHAMBER 28 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER 29 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER 30 LIQUID GLASS THERMETER 31 RTD/THERMOCOUPLE/TRNSMITTER 32 STOROW TROUBLES TO THE METER 33 TO 250 OC 31 RTD/THERMOCOUPLE/TRNSMITTER 33 TO 250 OC		DIGITAL ANGLE PROTRACTOR	
PUSH PULL GAUGE/FORCE GAUGE 1N to 1000N 10 to 700 bar PRESSURE TRANSMITTER/TRANSDUCER DIGITAL/DIAL PRESSURE PRESSURE TRANSMITTER/TRANSDUCER TORQUE WRENCH/DRIVER TINDICATOR WITH SENSOR OF HUMIDITY CHAMBER THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER LIQUID GLASS THERMETER TROUGH TRANSMITTER TROUGH TROUGH TRANSMITTER TROUGH TRANSMITTER TROUGH TRANSMITTER TROUGH TRANSMITTER TROUGH TRANSMITTER TROUGH TRANSMITTER TROUGH TROUGH TRANSMITTER TROUGH TRANSMITTER TROUGH TROUGH TRANSMITTER TROUGH TRANSMITTER TROUGH TROUGH TRANSMITTER TROUGH TROUGH TRANSMITTER TROUGH TRANSMITTER TROUGH TRO	21	INETERNAL MICROMETER-2 POINT	5 mm to 300 mm (L.C -0.001mm)
24 DIGITAL/DIAL PRESSURE PRESSURE TRANSMITTER/TRANSDUCER 25 DIGITAL/DIAL PRESSURE PRESSURE TRANSMITTER/TRANSDUCER 26 TORQUE WRENCH/DRIVER 27 INDICATOR WITH SENSOR OF HUMIDITY CHAMBER 28 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER 29 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER 30 LIQUID GLASS THERMETER -30 to 250 OC -31 RTD/THERMOCOUPLE/TRNSMITTER -30 to 250 OC	22	MICROMETER SETTING ROD	25 mm to 275mm
PRESSURE TRANSMITTER/TRANSDUCER 25 DIGITAL/DIAL PRESSURE PRESSURE TRANSMITTER/TRANSDUCER 26 TORQUE WRENCH/DRIVER 27 INDICATOR WITH SENSOR OF HUMIDITY CHAMBER 28 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER 29 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER 30 LIQUID GLASS THERMETER 31 RTD/THERMOCOUPLE/TRNSMITTER 32 to 250 0C	23	PUSH PULL GAUGE/FORCE GAUGE	1N to 1000N
25 DIGITAL/DIAL PRESSURE PRESSURE TRANSMITTER/TRANSDUCER 26 TORQUE WRENCH/DRIVER 27 INDICATOR WITH SENSOR OF HUMIDITY CHAMBER 28 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER 29 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER 30 LIQUID GLASS THERMETER 31 RTD/THERMOCOUPLE/TRNSMITTER 0 to 30 bar 2 Nm to 2000 Nm 10% RH to 95 %RH @250C 10% RH to 95 %RH @250C 100 Octo 500C @50%RH 10 Octo 500C @50%RH -30 to 250 0C	24		0 to 700 bar
PRESSURE TRANSMITTER/TRANSDUCER 26 TORQUE WRENCH/DRIVER 27 INDICATOR WITH SENSOR OF HUMIDITY CHAMBER 28 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER 29 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER 30 LIQUID GLASS THERMETER 31 RTD/THERMOCOUPLE/TRNSMITTER 2 Nm to 2000 Nm 10% RH to 95 %RH @250C 10% RH to 95 %RH @250C 100 Octo 500C @50%RH -30 to 250 0C		PRESSURE TRANSMITTER/TRANSDUCER	
26 TORQUE WRENCH/DRIVER 27 INDICATOR WITH SENSOR OF HUMIDITY CHAMBER 28 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER 29 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER 30 LIQUID GLASS THERMETER 31 RTD/THERMOCOUPLE/TRNSMITTER 2 Nm to 2000 Nm 10% RH to 95 %RH @250C 10% RH t	25	DIGITAL/DIAL PRESSURE	0 to 30 bar
27 INDICATOR WITH SENSOR OF HUMIDITY CHAMBER 28 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER 29 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER 30 LIQUID GLASS THERMETER -30 to 250 0C		PRESSURE TRANSMITTER/TRANSDUCER	
CHAMBER 28 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER 29 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER 30 LIQUID GLASS THERMETER TRANSMITTER -30 to 250 0C 31 RTD/THERMOCOUPLE/TRNSMITTER -30 to 250 0C	26	TORQUE WRENCH/DRIVER	2 Nm to 2000 Nm
THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATA LOGGER THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER LIQUID GLASS THERMETER TRANSMITTER TRANSMITTER TRANSMITTER TRANSMITTER TRANSMITTER TRANSMITTER TO 0Cto 500C @50%RH TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER TO 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	27	INDICATOR WITH SENSOR OF HUMIDITY	10% RH to 95 %RH @250C
TRANSMITTER/CONTROLLER/DATA LOGGER 29 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER 30 LIQUID GLASS THERMETER -30 to 250 0C 31 RTD/THERMOCOUPLE/TRNSMITTER -30 to 250 0C		CHAMBER	
29 THERMO-HYGROMETER/RH SENSOR/RH TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER 30 LIQUID GLASS THERMETER -30 to 250 0C 31 RTD/THERMOCOUPLE/TRNSMITTER -30 to 250 0C	28	THERMO-HYGROMETER/RH SENSOR/RH	10% RH to 95 %RH @250C
TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER 30 LIQUID GLASS THERMETER -30 to 250 0C 31 RTD/THERMOCOUPLE/TRNSMITTER -30 to 250 0C		TRANSMITTER/CONTROLLER/DATA LOGGER	
TRANSMITTER/CONTROLLER/DATAT LOGGER/RECORDER 30 LIQUID GLASS THERMETER -30 to 250 0C 31 RTD/THERMOCOUPLE/TRNSMITTER -30 to 250 0C	29	THERMO-HYGROMETER/RH SENSOR/RH	10 0Cto 500C @50%RH
LOGGER/RECORDER 30 LIQUID GLASS THERMETER -30 to 250 0C 31 RTD/THERMOCOUPLE/TRNSMITTER -30 to 250 0C			
30 LIQUID GLASS THERMETER -30 to 250 0C 31 RTD/THERMOCOUPLE/TRNSMITTER -30 to 250 0C			
31 RTD/THERMOCOUPLE/TRNSMITTER -30 to 250 0C	30		-30 to 250 0C
	-		
I EWIPERATURE GAUGE		TEMPERATURE GAUGE	





SCOPE OF ACCREDITATION

Laboratory Name:

VIKRAM AVIATION PVT. LTD., PLOT NO - 2, KHASRA NO - 348/2, VILLAGE

SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-4223

Page No

1 of 22

Validity

12/01/2025 to 11/01/2029

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
		3.0	Permanent Facility		
1	ELECTRO- TECHNICAL- Alternating Current (< 1 GHz) (Measure)	AC Current @ (50 Hz to 1 kHz)	Using 6½ Digits Digital Multimeter by Direct Method	100 μA to 200 mA	0.3 % to 0.2 %
2	ELECTRO- TECHNICAL- Alternating Current (< 1 GHz) (Measure)	AC Current @ (50 Hz to 1 kHz)	Using 6½ Digits Digital Multimeter by Direct Method	200 mA to 10 A	0.2 % to 0.3 %
3	ELECTRO- TECHNICAL- Alternating Current (< 1 GHz) (Measure)	AC Voltage @ (50 Hz to 1 kHz)	Using 6½ Digits Digital Multimeter by Direct Method	10 mV to 200 mV	0.5 % to 0.12 %
4	ELECTRO- TECHNICAL- Alternating Current (< 1 GHz) (Measure)	AC Voltage @ (50 Hz to 1 kHz)	Using 6½ Digits Digital Multimeter by Direct Method	200 mV to 750 V	0.12 % to 0.23 %
5	ELECTRO- TECHNICAL- Alternating Current (< 1 GHz) (Source)	AC Current @ (50 Hz to 1 kHz)	Using Multifunction Calibrator by Direct Method	100 μA to 200 mA	0.34 % to 0.58 %





SCOPE OF ACCREDITATION

Laboratory Name:

VIKRAM AVIATION PVT. LTD., PLOT NO - 2, KHASRA NO - 348/2, VILLAGE

SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-4223

Page No

2 of 22

Validity

12/01/2025 to 11/01/2029

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
6	ELECTRO- TECHNICAL- Alternating Current (< 1 GHz) (Source)	AC Current @ (50 Hz to 1 kHz)	Using Multifunction Calibrator by Direct Method	200 mA to 10 A	0.58 % to 0.34 %
7	ELECTRO- TECHNICAL- Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using Multifunction Calibrator with Current Coil (100 Turns) by Direct Method	10 A to 1000 A	1.5 % to 1.29 %
8	ELECTRO- TECHNICAL- Alternating Current (< 1 GHz) (Source)	AC Voltage @ (50 Hz to 1 kHz)	Using Multifunction Calibrator by Direct Method	10 mV to 200 mV	0.93 % to 0.34 %
9	ELECTRO- TECHNICAL- Alternating Current (< 1 GHz) (Source)	AC Voltage @ (50 Hz to 1 kHz)	Using Multifunction Calibrator by Direct Method	200 mV to 750 V	0.34 % to 0.17 %
10	ELECTRO- TECHNICAL- Alternating Current (< 1 GHz) (Source)	Capacitance @ 1 kHz	Using Capacitance Decade Box by Direct Method	100 pF to 100 μF	1 % to 0.9 %
11	ELECTRO- TECHNICAL- DIRECT CURRENT (Measure)	DC Current	Using 6½ Digits Digital Multimeter by Direct Method	100 μA to 200 mA	0.17 % to 0.1 %





SCOPE OF ACCREDITATION

Laboratory Name:

VIKRAM AVIATION PVT. LTD., PLOT NO - 2, KHASRA NO - 348/2, VILLAGE

SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-4223

Page No

3 of 22

Validity

12/01/2025 to 11/01/2029

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
12	ELECTRO- TECHNICAL- DIRECT CURRENT (Measure)	DC Current	Using 6½ Digits Digital Multimeter by Direct Method	200 mA to 10 A	0.1 % to 0.07 %
13	ELECTRO- TECHNICAL- DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digits Digital Multimeter by Direct Method	1 mV to 200 mV	0.54 % to 0.1 %
14	ELECTRO- TECHNICAL- DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digits Digital Multimeter by Direct Method	200 mV to 1000 V	0.1 % to 0.07 %
15	ELECTRO- TECHNICAL- DIRECT CURRENT (Measure)	Resistance (2 Wire)	Using 6½ Digits Digital Multimeter by Direct Method	10 Mohm to 100 Mohm	0.08 % to 1 %
16	ELECTRO- TECHNICAL- DIRECT CURRENT (Measure)	Resistance (2 Wire)	Using 6½ Digits Digital Multimeter by Direct Method	100 ohm to 10 Mohm	0.1 % to 0.08 %
17	ELECTRO- TECHNICAL- DIRECT CURRENT (Measure)	Resistance (4 Wire)	Using 6½ Digits Digital Multimeter by Direct Method	1 ohm to 100 ohm	0.94 % to 0.1 %





SCOPE OF ACCREDITATION

Laboratory Name:

VIKRAM AVIATION PVT. LTD., PLOT NO - 2, KHASRA NO - 348/2, VILLAGE

SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-4223

Page No

4 of 22

Validity

12/01/2025 to 11/01/2029

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
18	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	DC Current	Using Multifunction Calibrator with Current Coil (100 Turns) by Direct Method	10 A to 1000 A	1.3 % to 1.51 %
19	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	DC Current	Using Multifunction Calibrator by Direct Method	100 μA to 200 mA	0.2 % to 0.26 %
20	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	DC Current	Using Multifunction Calibrator by Direct Method	200 mA to 10 A	0.26 % to 0.2 %
21	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	DC Voltage	Using Multifunction Calibrator by Direct Method	1 mV to 200 mV	5.78 % to 0.13 %
22	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	DC Voltage	Using Multifunction Calibrator by Direct Method	200 mV to 1000 V	0.13 % to 0.17 %
23	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Decade Resistance Box by Direct Method	10 Mohm to 100 Mohm	0.12 % to 1 %





SCOPE OF ACCREDITATION

Laboratory Name:

VIKRAM AVIATION PVT. LTD., PLOT NO - 2, KHASRA NO - 348/2, VILLAGE

SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-4223

Page No

5 of 22

Validity

12/01/2025 to 11/01/2029

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
24	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Decade Resistance Box by Direct Method	100 ohm to 10 Mohm	0.12 %
25	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Standard Resistance Box by Direct Method	1 Gohm	2.81 %
26	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Standard Resistance Box by direct method	1 Mohm	2.0 %
27	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Standard Resistance Box by Direct Method	10 Mohm	2 %
28	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Standard Resistance Box by Direct Method	100 Mohm	2 %
29	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Standard Resistance Box by Direct Method	20 Mohm	2 %





SCOPE OF ACCREDITATION

Laboratory Name:

VIKRAM AVIATION PVT. LTD., PLOT NO - 2, KHASRA NO - 348/2, VILLAGE

SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-4223

Page No

6 of 22

Validity

12/01/2025 to 11/01/2029

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
30	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Standard Resistance Box by Direct Method	200 Mohm	2.4 %
31	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Standard Resistance Box by Direct Method	500 Mohm	2.49 %
32	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire) @ 1000 V	Using Standard Resistance Box by Direct Method	10 Gohm	2.38 %
33	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire) @ 1000 V	Using Standard Resistance Box by Direct Method	100 Gohm	2.58 %
34	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire) @ 1000 V	Using Standard Resistance Box by Direct Method	1000 Gohm	10.29 %
35	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire) @ 1000 V	Using Standard Resistance Box by Direct Method	200 Gohm	3.2 %





SCOPE OF ACCREDITATION

Laboratory Name:

VIKRAM AVIATION PVT. LTD., PLOT NO - 2, KHASRA NO - 348/2, VILLAGE

SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-4223

Page No

7 of 22

Validity

12/01/2025 to 11/01/2029

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
36	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire) @ 1000 V	Using Standard Resistance Box by Direct Method	500 Gohm	5.53 %
37	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (4 Wire)	Using Decade Resistance Box by Direct Method	1 ohm to 100 ohm	0.2 % to 0.12 %
38	ELECTRO- TECHNICAL- TIME & FREQUENCY (Measure)	Frequency	Using Multifunction Calibrator by Direct Method	40 Hz to 1 kHz	0.07 % to 0.09 %
39	ELECTRO- TECHNICAL- TIME & FREQUENCY (Measure)	Frequency	Using 6½ Digits Digital Multimeter by Direct Method	40 Hz to 1 kHz	0.13 % to 0.05 %
40	ELECTRO- TECHNICAL- TIME & FREQUENCY (Measure)	Time Interval	Using Digital Time Calibrator by Comparison Method	1 s to 86400 s	0.11 s to 5 s





SCOPE OF ACCREDITATION

Laboratory Name:

VIKRAM AVIATION PVT. LTD., PLOT NO - 2, KHASRA NO - 348/2, VILLAGE

SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-4223

Page No

8 of 22

Validity

12/01/2025 to 11/01/2029

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
41	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bevel Protractor, (L.C.: 1')	Using Sine Bar, Slip Gauge Block Set and Surface Plate by Direct Method	0 ° to 360 °	3.1 minutes of Arc
42	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper - Digital / Dial / Vernier, (L.C.: 0.01 mm)	Using Slip Gauge Blocks, Slip Gauge Block Accessories and Caliper Checker by Direct Method	0 to 300 mm	9 μm
43	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Caliper (L.C.: 0.001 mm)	Using Slip Gauge Blocks, Slip Gauge Block Accessories and Surface Plate by Direct Method	0 to 300 mm	11.6 μm
44	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Gauge (L.C.: 0.001 mm)	Using Slip Gauge Blocks, Slip Gauge Block Accessories and Surface Plate by Direct Method	0 to 300 mm	8 μm
45	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer (L.C.: 0.001 mm)	Using Slip Gauge Blocks, Slip Gauge Block Accessories and Surface Plate by Direct Method	0 to 300 mm	8 μm





SCOPE OF ACCREDITATION

Laboratory Name:

VIKRAM AVIATION PVT. LTD., PLOT NO - 2, KHASRA NO - 348/2, VILLAGE

SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-4223

Page No

9 of 22

Validity

12/01/2025 to 11/01/2029

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
46	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauge - Lever Type (L.C.: 0.001 mm)	Using Slip Gauge Blocks and Comparator Stand by Direct Method	0 to 0.2 mm	3.3 μm
47	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauge - Lever Type (L.C.: 0.01 mm)	Using Slip Gauge Blocks and Comparator Stand by Direct Method	0 to 1.5 mm	7 μm
48	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauge - Plunger Type, (L.C.: 0.01 mm)	Using Slip Gauge Blocks and Comparator Stand by Direct Method	0 to 100 mm	7 μm
49	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauge - Plunger Type, (L.C.: 0.01 mm)	Using Slip Gauge Blocks and Comparator Stand by Direct Method	0 to 25 mm	6.6 μm
50	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Thickness Gauge (L.C.: 0.001 mm)	Using Slip Gauge Blocks by Direct Method	0 to 25 mm	5.8 μm





SCOPE OF ACCREDITATION

Laboratory Name:

VIKRAM AVIATION PVT. LTD., PLOT NO - 2, KHASRA NO - 348/2, VILLAGE

SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-4223

Page No

10 of 22

Validity

12/01/2025 to 11/01/2029

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
51	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer, (L.C.: 0.001 mm)	Using Slip Gauge Blocks and Optical Parallel Set by Direct Method	0 to 25 mm	1 μm
52	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer, (L.C.: 0.01 mm)	Using Slip Gauge Blocks and Optical Parallel Set by Direct Method	0 to 300 mm	8.14 μm
53	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge (L.C.: 0.01 mm)	Using Slip Gauge Blocks, Caliper Checker and Surface Plate by Direct Method	0 to 300 mm	9.3 μm
54	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Inclinometer / Clinometer / Digital Angle Protractor (L.C.: 0.6')	Using Sine Bar, Slip Gauge Block Set and Surface Plate by Direct Method	0 ° to 180 °	1.31 minutes of Arc
55	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal Micrometer - 2 Point (L.C.: 0.001 mm)	Using Slip Gauge Blocks and Slip Gauge Block Accessories by Direct Method	5 mm to 300 mm	5 μm





SCOPE OF ACCREDITATION

Laboratory Name:

VIKRAM AVIATION PVT. LTD., PLOT NO - 2, KHASRA NO - 348/2, VILLAGE

SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-4223

Page No

11 of 22

Validity

12/01/2025 to 11/01/2029

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
56	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Rod	Using Slip Gauge Blocks, Lever Dial Gauge, Slip Gauge Block Accessories and Surface Plate by Comparison Method	25 mm to 275 mm	4 μm
57	MECHANICAL- MOBILE FORCE MEASURING SYSTEM	Push Pull Gauge / Force Gauge - Push / Pull Mode	Using Slotted and Hanger Weights by Direct Method as per VDI / VDE 2624 - 2.1	1 N to 1000 N	1.43 %
58	MECHANICAL- PRESSURE INDICATING DEVICES	Hydraulic Pressure - Pressure Gauge (Digital / Dial), Pressure Transducer / Transmitter	Using Digital Pressure Gauge, Digital Multimeter and Hydraulic Pressure Pump by Comparison Method as per DKD R 6 - 1	0 to 700 bar	0.87 bar
59	MECHANICAL- PRESSURE INDICATING DEVICES	Pneumatic Pressure - Pressure Gauge (Digital / Dial), Pressure Transducer / Transmitter	Using Digital Pressure Gauge, Digital Multimeter and Pneumatic Pressure Pump by Comparison Method as per DKD R 6 - 1	0 to 30 bar	0.07 bar
60	MECHANICAL- TORQUE GENERATING DEVICES	Torque Wrench / Driver - Type I (Class - A, B, C, D, E) & Type II (Class - A, B, D, E, G)	Using Torque Sensors with Indicator by Comparison Method as per ISO 6789:2017	2 Nm to 2000 Nm	1.9 %





SCOPE OF ACCREDITATION

Laboratory Name:

VIKRAM AVIATION PVT. LTD., PLOT NO - 2, KHASRA NO - 348/2, VILLAGE

SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-4223

Page No

12 of 22

Validity

12/01/2025 to 11/01/2029

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
61	THERMAL- SPECIFIC HEAT & HUMIDITY	Indicator with Sensor of Humidity Chamber, Environmental Chamber - Single Position Calibration	Using Relative Humidity & Temperature Sensor with Indicator by Comparison Method	10 % rh to 95 % rh @ 25 °C	2.06 % rh
62	THERMAL- SPECIFIC HEAT & HUMIDITY	Thermo Hygrometer, RH Sensor, RH Transmitter with / without Indicator / Controller/ Data Logger/ Recorder	Using Relative Humidity & Temperature Sensor with Indicator, Digital Multimeter, Relative Humidity & Temperature Chamber by Comparison Method	10 % rh to 95 % rh @ 25 °C	2.11 % rh
63	THERMAL- SPECIFIC HEAT & HUMIDITY	Thermo Hygrometer, Temperature & RH Sensor / Transmitter with / without Indicator/ Controller/ Data Logger/ Recorder	Using Relative Humidity & Temperature Sensor with Indicator, Digital Multimeter, Relative Humidity & Temperature Chamber by Comparison Method	10 °C to 50 °C @ 50 % rh	1.01 °C
64	THERMAL- TEMPERATURE	Liquid in Glass Thermometer	Using PRT with Digital Thermometer and Oil Bath by Comparison Method	(-) 30 °C to 50 °C	0.54 °C





SCOPE OF ACCREDITATION

Laboratory Name:

VIKRAM AVIATION PVT. LTD., PLOT NO - 2, KHASRA NO - 348/2, VILLAGE

SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-4223

Page No

13 of 22

Validity

12/01/2025 to 11/01/2029

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
65	THERMAL- TEMPERATURE	Liquid in Glass Thermometer	Using PRT with Digital Thermometer and Oil Bath by Comparison Method	> 50 °C to 250 °C	0.55 °C
66	THERMAL- TEMPERATURE	RTD / Thermocouple with Indicator, Temperature Transmitter, Temperature Gauge	Using PRT with Digital Thermometer, Digital Multimeter and Oil Bath by Comparison Method	(-) 30 °C to 50 °C	0.47 °C
67	THERMAL- TEMPERATURE	RTD / Thermocouple with Indicator, Temperature Transmitter, Temperature Gauge	Using PRT with Digital Thermometer, Digital Multimeter and Oil Bath by Comparison Method	> 50 °C to 250 °C	0.47 °C





SCOPE OF ACCREDITATION

Laboratory Name:

VIKRAM AVIATION PVT. LTD., PLOT NO - 2, KHASRA NO - 348/2, VILLAGE

SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-4223

Page No

14 of 22

Validity

12/01/2025 to 11/01/2029

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
		3.0	Site Facility		
1	ELECTRO- TECHNICAL- Alternating Current (< 1 GHz) (Measure)	AC Current @ (50 Hz to 1 kHz)	Using 6½ Digits Digital Multimeter by Direct Method	100 μA to 200 mA	0.3 % to 0.2 %
2	ELECTRO- TECHNICAL- Alternating Current (< 1 GHz) (Measure)	AC Current @ (50 Hz to 1 kHz)	Using 6½ Digits Digital Multimeter by Direct Method	200 mA to 10 A	0.2 % to 0.3 %
3	ELECTRO- TECHNICAL- Alternating Current (< 1 GHz) (Measure)	AC Voltage @ (50 Hz to 1 kHz)	Using 6½ Digits Digital Multimeter by Direct Method	10 mV to 200 mV	0.5 % to 0.12 %
4	ELECTRO- TECHNICAL- Alternating Current (< 1 GHz) (Measure)	AC Voltage @ (50 Hz to 1 kHz)	Using 6½ Digits Digital Multimeter by Direct Method	200 mV to 750 V	0.12 % to 0.23 %
5	ELECTRO- TECHNICAL- Alternating Current (< 1 GHz) (Source)	AC Current @ (50 Hz to 1 kHz)	Using Multifunction Calibrator by Direct Method	100 μA to 200 mA	0.34 % to 0.58 %





SCOPE OF ACCREDITATION

Laboratory Name:

VIKRAM AVIATION PVT. LTD., PLOT NO - 2, KHASRA NO - 348/2, VILLAGE

SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-4223

Page No

15 of 22

Validity

12/01/2025 to 11/01/2029

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
6	ELECTRO- TECHNICAL- Alternating Current (< 1 GHz) (Source)	AC Current @ (50 Hz to 1 kHz)	Using Multifunction Calibrator by Direct Method	200 mA to 10 A	0.58 % to 0.34 %
7	ELECTRO- TECHNICAL- Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using Multifunction Calibrator with Current Coil (100 Turns) by Direct Method	10 A to 1000 A	1.5 % to 1.29 %
8	ELECTRO- TECHNICAL- Alternating Current (< 1 GHz) (Source)	AC Voltage @ (50 Hz to 1 kHz)	Using Multifunction Calibrator by Direct Method	10 mV to 200 mV	0.93 % to 0.34 %
9	ELECTRO- TECHNICAL- Alternating Current (< 1 GHz) (Source)	AC Voltage @ (50 Hz to 1 kHz)	Using Multifunction Calibrator by Direct Method	200 mV to 750 V	0.34 % to 0.17 %
10	ELECTRO- TECHNICAL- Alternating Current (< 1 GHz) (Source)	Capacitance @ 1 kHz	Using Capacitance Decade Box by Direct Method	100 pF to 100 μF	1 % to 0.9 %
11	ELECTRO- TECHNICAL- DIRECT CURRENT (Measure)	DC Current	Using 6½ Digits Digital Multimeter by Direct Method	100 μA to 200 mA	0.17 % to 0.1 %





SCOPE OF ACCREDITATION

Laboratory Name:

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SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-4223

Page No

16 of 22

Validity

12/01/2025 to 11/01/2029

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
12	ELECTRO- TECHNICAL- DIRECT CURRENT (Measure)	DC Current	Using 6½ Digits Digital Multimeter by Direct Method	200 mA to 10 A	0.1 % to 0.07 %
13	ELECTRO- TECHNICAL- DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digits Digital Multimeter by Direct Method	1 mV to 200 mV	0.54 % to 0.1 %
14	ELECTRO- TECHNICAL- DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digits Digital Multimeter by Direct Method	200 mV to 1000 V	0.1 % to 0.07 %
15	ELECTRO- TECHNICAL- DIRECT CURRENT (Measure)	Resistance (2 Wire)	Using 6½ Digits Digital Multimeter by Direct Method	10 Mohm to 100 Mohm	0.08 % to 1 %
16	ELECTRO- TECHNICAL- DIRECT CURRENT (Measure)	Resistance (2 Wire)	Using 6½ Digits Digital Multimeter by Direct Method	100 ohm to 10 Mohm	0.1 % to 0.08 %
17	ELECTRO- TECHNICAL- DIRECT CURRENT (Measure)	Resistance (4 Wire)	Using 6½ Digits Digital Multimeter by Direct Method	1 ohm to 100 ohm	0.94 % to 0.1 %





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SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

12/01/2025 to 11/01/2029

Certificate Number

CC-4223

Page No

17 of 22

Validity

CC 1223

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
18	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	DC Current	Using Multifunction Calibrator with Current Coil (100 Turns) by Direct Method	10 A to 1000 A	1.3 % to 1.51 %
19	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	DC Current	Using Multifunction Calibrator by Direct Method	100 μA to 200 mA	0.2 % to 0.26 %
20	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	DC Current	Using Multifunction Calibrator by Direct Method	200 mA to 10 A	0.26 % to 0.2 %
21	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	DC Voltage	Using Multifunction Calibrator by Direct Method	1 mV to 200 mV	5.78 % to 0.13 %
22	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	DC Voltage	Using Multifunction Calibrator by Direct Method	200 mV to 1000 V	0.13 % to 0.17 %
23	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Decade Resistance Box by Direct Method	10 Mohm to 100 Mohm	0.12 % to 1 %





SCOPE OF ACCREDITATION

Laboratory Name:

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SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-4223

Page No

18 of 22

Validity

12/01/2025 to 11/01/2029

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24	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Decade Resistance Box by Direct Method	100 ohm to 10 Mohm	0.12 %
25	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Standard Resistance Box by Direct Method	1 Gohm	2.81 %
26	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Standard Resistance Box by direct method	1 Mohm	2.0 %
27	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Standard Resistance Box by Direct Method	10 Mohm	2 %
28	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Standard Resistance Box by Direct Method	100 Mohm	2 %
29	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Standard Resistance Box by Direct Method	20 Mohm	2 %





SCOPE OF ACCREDITATION

Laboratory Name:

VIKRAM AVIATION PVT. LTD., PLOT NO - 2, KHASRA NO - 348/2, VILLAGE

SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

12/01/2025 to 11/01/2029

Certificate Number

Page No

19 of 22

Validity

CC-4223

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30	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Standard Resistance Box by Direct Method	200 Mohm	2.4 %
31	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire)	Using Standard Resistance Box by Direct Method	500 Mohm	2.49 %
32	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire) @ 1000 V	Using Standard Resistance Box by Direct Method	10 Gohm	2.38 %
33	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire) @ 1000 V	Using Standard Resistance Box by Direct Method	100 Gohm	2.58 %
34	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire) @ 1000 V	Using Standard Resistance Box by Direct Method	1000 Gohm	10.29 %
35	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire) @ 1000 V	Using Standard Resistance Box by Direct Method	200 Gohm	3.2 %





SCOPE OF ACCREDITATION

Laboratory Name:

VIKRAM AVIATION PVT. LTD., PLOT NO - 2, KHASRA NO - 348/2, VILLAGE

SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-4223

Page No

20 of 22

Validity

12/01/2025 to 11/01/2029

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36	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (2 Wire) @ 1000 V	Using Standard Resistance Box by Direct Method	500 Gohm	5.53 %
37	ELECTRO- TECHNICAL- DIRECT CURRENT (Source)	Resistance (4 Wire)	Using Decade Resistance Box by Direct Method	1 ohm to 100 ohm	0.2 % to 0.12 %
38	ELECTRO- TECHNICAL- TIME & FREQUENCY (Measure)	Frequency	Using Multifunction Calibrator by Direct Method	40 Hz to 1 kHz	0.07 % to 0.09 %
39	ELECTRO- TECHNICAL- TIME & FREQUENCY (Measure)	Frequency	Using 6½ Digits Digital Multimeter by Direct Method	40 Hz to 1 kHz	0.13 % to 0.05 %
40	ELECTRO- TECHNICAL- TIME & FREQUENCY (Measure)	Time Interval	Using Digital Time Calibrator by Comparison Method	1 s to 86400 s	0.11 s to 5 s





SCOPE OF ACCREDITATION

Laboratory Name:

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SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

CC-4223

Page No

21 of 22

Validity

12/01/2025 to 11/01/2029

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41	MECHANICAL- PRESSURE INDICATING DEVICES	Hydraulic Pressure - Pressure Gauge (Digital / Dial), Pressure Transducer / Transmitter	Using Digital Pressure Gauge, Digital Multimeter and Hydraulic Pressure Pump by Comparison Method as per DKD R 6 - 1	0 to 700 bar	0.87 bar
42	MECHANICAL- PRESSURE INDICATING DEVICES	Pneumatic Pressure - Pressure Gauge (Digital / Dial), Pressure Transducer / Transmitter	Using Digital Pressure Gauge, Digital Multimeter and Pneumatic Pressure Pump by Comparison Method as per DKD R 6 - 1	0 to 30 bar	0.07 bar
43	THERMAL- SPECIFIC HEAT & HUMIDITY	Indicator with Sensor of Humidity Chamber, Environmental Chamber - Single Position Calibration	Using Relative Humidity & Temperature Sensor with Indicator by Comparison Method	10 % rh to 95 % rh @ 25 °C	2.06 % rh
44	THERMAL- TEMPERATURE	RTD / Thermocouple with Indicator, Temperature Transmitter, Temperature Gauge	Using PRT with Digital Thermometer, Digital Multimeter and Oil Bath by Comparison Method	(-) 30 °C to 50 °C	0.47 °C





SCOPE OF ACCREDITATION

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SHAHBAD MOHHAMADPUR, SOUTH WEST, DELHI, INDIA

Accreditation Standard

ISO/IEC 17025:2017

12/01/2025 to 11/01/2029

Certificate Number

CC-4223

Page No

22 of 22

Validity

CC-4223

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45	THERMAL- TEMPERATURE	RTD / Thermocouple with Indicator, Temperature Transmitter, Temperature Gauge	Using PRT with Digital Thermometer, Digital Multimeter and Oil Bath by Comparison Method	> 50 °C to 250 °C	0.47 °C

^{*} CMCs represent expanded uncertainties expressed at approximately the 95% level of confidence, using a coverage factor of k = 2.

