

Calibration Charges: DP No. (1.06) DP Name: (Pressure, Vacuum & Ultrasonic Metrology Section) (w.e.f. 01.04.2025)

EDC

Sl. No	Parameter	Item Type / Group	Item Name	Alias Name	Range	No. of Points for Calibration	Limitation / Condition	Charges per Item Rs.	Additional Charges Rs.	Description for Additional Charges	Remarks, if any	Normal	Tatkal
1	Absolute Pressure	Vacuum Devices	Pirani Gauge	Thermocouple Gauge/Convectron Gauge	1000 to 1.0E-3 Torr			35500				21 working days	7 working days
2	Absolute Pressure	Vacuum Devices	Pirani Gauge	Thermocouple Gauge/Convectron Gauge	1000 to 1 Torr / 0.001 to 1Torr			23760				21 working days	7 working days
3	Absolute Pressure	Vacuum Devices	Penning Gauge	Cold Cathode Gauge	1.0E-2 to 1.0E-6 Torr			50710				21 working days	7 working days
4	Absolute Pressure	Vacuum Devices	Penning Gauge	Cold Cathode Gauge	1.0E-2 to 1.0E-7 Torr			67650				21 working days	7 working days
5	Absolute Pressure	Vacuum Devices	Penning Gauge	Cold Cathode Gauge	1.0E-2 to 1.0E-8 Torr			76900				21 working days	7 working days
6	Absolute Pressure	Vacuum Devices	Ionization Gauge	Hot Cathode Gauge	1.0E-3 to 1.0E-7 Torr			47700				21 working days	7 working days
7	Absolute Pressure	Vacuum Devices	Spinning Rotor Gauge	SRG	1.0E-2 to 1.0E-5 mbar			53900				21 working days	7 working days
8	Absolute Pressure	Vacuum Leaks	Helium Standard Leak	Standard Leak	Above 1.0E-8 std.cc/s and below 0.03 std.cc/s			53900	5400			21 working days	7 working days
9	Absolute Pressure	Vacuum Leaks	Helium Standard Leak	Standard Leak	Below 1.0E-8 std.cc/s and above 3.0E-9 std.cc/s			61500				21 working days	7 working days
10	Pneumatic Pressure	Vacuum Devices	Dead Weight Tester / Differential DWT	Piston Gauge / Pressure Balance	6.5 to 360 kPa (abs, gauge and diff)	Single Range (10 pints)		53900	5400	For each additional	Charges are per range	21 working days	7 working days
11	Pneumatic Pressure	Vacuum Devices	Liquid Manobarmeter	U-Tube / Single Limb / Inclined / Sphygmo Manometer	1 to 130 kPa (abs, gauge and diff)	Single Range (10 pints)		18500	1900	For each additional	Charges are per range	21 working days	7 working days
12	Pneumatic Pressure	Vacuum Devices	Dial Gauge	Bourdon Gauge / Diaphragm Gauge / Spiral Gauge	0 to 500 kPa (abs and gauge)	Single Range (10 pints)		13640	1400	For each additional	Charges are per range	21 working days	7 working days
13	Pneumatic Pressure	Vacuum Devices	Pressure Calibrator		0 to 500 kPa Accuracy 0.5% or coarser (abs and gauge)	Single Range (10 pints)		23300	2400	For each additional	Charges are per range	21 working days	7 working days
14	Pneumatic Pressure	Vacuum Devices	Aneroid Barometer		Atmospheric Pressure Range	Single Range (10 pints)		13640	1400	For each additional	Charges are per range	21 working days	7 working days
15	Pneumatic Pressure	Vacuum Devices	Quartz Bourdon Gauge		0 to 500 kPa (abs and gauge)	Single Range (10 pints)		47100	4700	For each additional	Charges are per range	21 working days	7 working days
16	Pneumatic Pressure	Vacuum Devices	Capacitance Diaphragm Gauge	Capacitance Manometer / Baratron	0-133Pa 0-1333Pa 0-13kPa 0-133 kPa (abs and gauge)			52000		For each additional	Charges are per range	21 working days	7 working days
17	Pneumatic Pressure	Vacuum Devices	Digital Pressure Transducer / Transmitter	Digital Pressure Indicator / Digital Pressure Gauge	0 to 500 kPa Accuracy better than 0.5% (abs and gauge)	Single Range (10 pints)		47100	4700	For each additional	Charges are per range	21 working days	7 working days
18	Pneumatic Pressure	Vacuum Devices	Altimeter		0 to 100 kPa (abs)	Single Range (10 pints)		53900	5400	For each additional	Charges are per range	21 working days	7 working days
19	Pneumatic Pressure	Vacuum Devices	Digital Manometer	Digital Pressure Gauge	0 to 133 kPa (abs and gauge)	Single Range (10 pints)		46100	4600	For each additional	Charges are per range	21 working days	7 working days
20	Pneumatic Pressure	Vacuum Devices	Digital Barometer		70 to 110 kPa (abs)	Single Range (10 pints)		23300	2400	For each additional	Charges are per range	21 working days	7 working days
21	Pneumatic Pressure	Pressure Devices	Dead Weight Tester	Piston Gauge / Pressure Balance	100 kPa to 8 MPa (abs. and gauge)	Single Range		38000	3800	For each additional point	Charges are per range	3 Weeks	7 working days
22	Pneumatic Pressure	Pressure Devices	Dead Weight Tester	Piston Gauge / Pressure Balance	100 kPa to 12 MPa (abs. and gauge)	Single Range		42000	4200	For each additional point	Charges are per range	3 Weeks	7 working days
23	Pneumatic Pressure	Pressure Devices	Dead Weight Tester	Piston Gauge / Pressure Balance	100 kPa to 20 MPa (abs. and gauge)	Single Range		45000	4500	For each additional point	Charges are per range	3 Weeks	7 working days
24	Pneumatic Pressure	Pressure Devices	Dead Weight Tester	Piston Gauge / Pressure Balance	0.2 MPa to 40 MPa (abs. and gauge)	Single Range		50000	5000	For each additional point	Charges are per range	3 Weeks	7 working days
25	Pneumatic Pressure	Pressure Devices	Dead Weight Tester	Piston Gauge / Pressure Balance	0.25 MPa to 100 MPa (abs. and gauge)	Single Range		76000	7600	For each additional point	Charges are per range	3 Weeks	7 working days
26	Pneumatic Pressure	Pressure Devices	Differential Dead Weight Tester	Piston Gauge / Pressure Balance	0.04 MPa to 12 MPa (differential)	Single Range		52000	5200	For each additional point	Charges are per range	3 Weeks	7 working days

27	Pneumatic Pressure	Pressure Devices	Differential Dead Weight Tester	Piston Gauge / Pressure Balance	0.2 MPa to 20 MPa (differential)	Single Range		57000	5700	For each additional point	Charges are per range	3 Weeks	7 working days
28	Pneumatic Pressure	Pressure Devices	Dial Gauge (Accuracy < 1.0 %)	Bourdon Gauge / Diaphragm Gauge / Spiral Gauge	50 kPa to 8 MPa (gauge)	Single Range		9000	900	For each additional point	Charges are per range	2 Weeks	5 working days
29	Pneumatic Pressure	Pressure Devices	Dial Gauge (Accuracy >= 1.0 %)	Bourdon Gauge / Diaphragm Gauge / Spiral Gauge	50 kPa to 8 MPa (gauge)	Single Range		5700	570	For each additional point	Charges are per range	2 Weeks	5 working days
30	Pneumatic Pressure	Pressure Devices	Dial Gauge (Accuracy < 1.0 %)	Bourdon Gauge / Diaphragm Gauge / Spiral Gauge	50 kPa to 12 MPa (gauge)	Single Range		12000	1200	For each additional point	Charges are per range	2 Weeks	5 working days
31	Pneumatic Pressure	Pressure Devices	Dial Gauge (Accuracy >= 1.0 %)	Bourdon Gauge / Diaphragm Gauge / Spiral Gauge	50 kPa to 12 MPa (gauge)	Single Range		7500	800	For each additional point	Charges are per range	2 Weeks	5 working days
32	Pneumatic Pressure	Pressure Devices	Dial Gauge (Accuracy < 1.0 %)	Bourdon Gauge / Diaphragm Gauge / Spiral Gauge	50 kPa to 20 MPa (gauge)	Single Range		16000	1600	For each additional point	Charges are per range	2 Weeks	5 working days
33	Pneumatic Pressure	Pressure Devices	Dial Gauge (Accuracy >= 1.0 %)	Bourdon Gauge / Diaphragm Gauge / Spiral Gauge	50 kPa to 20 MPa (gauge)	Single Range		10000	1000	For each additional point	Charges are per range	2 Weeks	5 working days
34	Pneumatic Pressure	Pressure Devices	Dial Gauge (Accuracy < 1.0 %)	Bourdon Gauge / Diaphragm Gauge / Spiral Gauge	0.2 MPa to 40 MPa (gauge)	Single Range		20000	2000	For each additional point	Charges are per range	2 Weeks	5 working days
35	Pneumatic Pressure	Pressure Devices	Dial Gauge (Accuracy > 1.0 %)	Bourdon Gauge / Diaphragm Gauge / Spiral Gauge	0.2 MPa to 40 MPa (gauge)	Single Range		13500	1400	For each additional point	Charges are per range	2 Weeks	5 working days
36	Pneumatic Pressure	Pressure Devices	Pressure Calibrator		100 kPa to 12 MPa (gauge and diff)			20500	2050	For each additional point		2 Weeks	5 working days
37	Pneumatic Pressure	Pressure Devices	Digital Pressure Transducer / Transmitter	Digital Pressure Indicator / Digital Pressure Gauge	100 kPa to 8 MPa (abs. and gauge)	Single Range		35000	3500	For each additional point	Charges are per range	2 Weeks	5 working days
38	Pneumatic Pressure	Pressure Devices	Digital Pressure Transducer / Transmitter	Digital Pressure Indicator / Digital Pressure Gauge	100 kPa to 12 MPa (abs. and gauge)	Single Range		40000	4000	For each additional point	Charges are per range	2 Weeks	5 working days
39	Pneumatic Pressure	Pressure Devices	Digital Pressure Transducer / Transmitter	Digital Pressure Indicator / Digital Pressure Gauge	0.2 MPa to 20 MPa (abs. and gauge)	Single Range		42000	4200	For each additional point	Charges are per range	3 Weeks	7 working days
40	Pneumatic Pressure	Pressure Devices	Digital Pressure Transducer / Transmitter	Digital Pressure Indicator / Digital Pressure Gauge	0.2 MPa to 40 MPa (abs. and gauge)	Single Range		44000	4400	For each additional point	Charges are per range	3 Weeks	7 working days
41	Pneumatic Pressure	Pressure Devices	Digital Pressure Transducer / Transmitter	Digital Pressure Indicator / Digital Pressure Gauge	0.25 MPa to 100 MPa (abs. and gauge)	Single Range		60000	6000	For each additional point	Charges are per range	3 Weeks	7 working days
42	Pneumatic Pressure	Pressure Devices	Digital Pressure Transducer / Transmitter	Digital Pressure Indicator / Digital Pressure Gauge	100 kPa to 12 MPa (diff)	Single Range		40000	4000	For each additional point	Charges are per range	2 Weeks	5 working days
43	Pneumatic Pressure	Pressure Devices	Digital Pressure Transducer / Transmitter	Digital Pressure Indicator / Digital Pressure Gauge	0.2 MPa to 20 MPa (differential)	Single Range		48000	4800	For each additional point	Charges are per range	3 Weeks	7 working days
44	Hydraulic Pressure	Hydraulic Devices	Dead Weight Tester	Piston Gauge / Pressure Balance / Piston Manometer	0.07 to 100 MPa (gauge)	Single Range (10 points)		55000	5500	For each additional point		2 Weeks	5 working days
45	Hydraulic Pressure	Hydraulic Devices	Dead Weight Tester	Piston Gauge / Pressure Balance / Piston Manometer	0.07 to 200 MPa (gauge)	Single Range (10 points)		56000	5600	For each additional point		2 Weeks	5 working days
46	Hydraulic Pressure	Hydraulic Devices	Dead Weight Tester	Piston Gauge / Pressure Balance / Piston Manometer	0.07 to 300 MPa (gauge)	Single Range (10 points)		60000	6000	For each additional point		2 Weeks	5 working days
47	Hydraulic Pressure	Hydraulic Devices	Dead Weight Tester	Piston Gauge / Pressure Balance / Piston Manometer	0.07 to 500 MPa (gauge)	Single Range (10 points)		65000	6500	For each additional point		2 Weeks	5 working days
48	Hydraulic Pressure	Hydraulic Devices	Dead Weight Tester	Piston Gauge / Pressure Balance / Piston Manometer	0.07 to 100 MPa (gauge)	Double range (10 points each)		80000	8000	For each additional point		3 Weeks	5 working days
49	Hydraulic Pressure	Hydraulic Devices	Dead Weight Tester	Piston Gauge / Pressure Balance / Piston Manometer	0.07 to 200 MPa (gauge)	Double range (10 points each)		85000	8500	For each additional point		3 Weeks	5 working days
50	Hydraulic Pressure	Hydraulic Devices	Dead Weight Tester	Piston Gauge / Pressure Balance / Piston Manometer	0.07 to 300 MPa (gauge)	Double range (10 points each)		88000	8800	For each additional point		3 Weeks	5 working days
51	Hydraulic Pressure	Hydraulic Devices	Dead Weight Tester	Piston Gauge / Pressure Balance / Piston Manometer	0.07 to 500 MPa (gauge)	Double range (10 points each)		100000	10000	For each additional point		3 Weeks	5 working days
52	Hydraulic Pressure	Hydraulic Devices	Dead Weight Tester	Piston Gauge / Pressure Balance / Piston Manometer	20 MPa to 1.0 GPa	Single Range (10 points)		130000	13000	For each additional point		2 Weeks	5 working days
53	Hydraulic Pressure	Hydraulic Devices	Dead Weight Tester	Piston Gauge / Pressure Balance / Piston Manometer	20 MPa to 1.0 GPa	Double range (10 points each)		190000	19000	For each additional point		3 Weeks	5 working days

54	Hydraulic Pressure	Hydraulic Devices	Pressure Dial Gauge (Accuracy > 0.25%)	Bourdon Gauge / Diaphragm Gauge / Spiral Gauge	0.07 to 100 MPa (gauge)	10 points		10000	1000	For each additional point		1 Week	2 working days
55	Hydraulic Pressure	Hydraulic Devices	Pressure Dial Gauge (Accuracy > 0.25%)	Bourdon Gauge / Diaphragm Gauge / Spiral Gauge	0.07 to 200 MPa (gauge)	10 points		12000	1200	For each additional point		1 Week	2 working days
56	Hydraulic Pressure	Hydraulic Devices	Pressure Dial Gauge (Accuracy > 0.25%)	Bourdon Gauge / Diaphragm Gauge / Spiral Gauge	0.07 to 300 MPa (gauge)	10 points		14000	1400	For each additional point		1 Week	2 working days
57	Hydraulic Pressure	Hydraulic Devices	Pressure Dial Gauge (Accuracy > 0.25%)	Bourdon Gauge / Diaphragm Gauge / Spiral Gauge	0.07 to 500 MPa (gauge)	10 points		16000	1600	For each additional point		1 Week	2 working days
58	Hydraulic Pressure	Hydraulic Devices	Pressure Dial Gauge (Accuracy =<0.25%)	Bourdon Gauge / Diaphragm Gauge / Spiral Gauge	0.07 to 100 MPa (gauge)	10 points		12000	1200	For each additional point		1 Week	2 working days
59	Hydraulic Pressure	Hydraulic Devices	Pressure Dial Gauge (Accuracy =<0.25%)	Bourdon Gauge / Diaphragm Gauge / Spiral Gauge	0.07 to 200 MPa (gauge)	10 points		15000	1500	For each additional point		1 Week	2 working days
60	Hydraulic Pressure	Hydraulic Devices	Pressure Dial Gauge (Accuracy =<0.25%)	Bourdon Gauge / Diaphragm Gauge / Spiral Gauge	0.07 to 300 MPa (gauge)	10 points		18000	1800	For each additional point		1 Week	2 working days
61	Hydraulic Pressure	Hydraulic Devices	Pressure Dial Gauge (Accuracy =<0.25%)	Bourdon Gauge / Diaphragm Gauge / Spiral Gauge	0.07 to 500 MPa (gauge)	10 points		24000	2400	For each additional point		1 Week	2 working days
62	Hydraulic Pressure	Hydraulic Devices	Pressure Dial Gauge (Accuracy > 0.25%)	Bourdon Gauge / Diaphragm Gauge / Spiral Gauge	20 MPa to 1.0 GPa	10 points		33000	3300	For each additional point		2 Week	4 working days
63	Hydraulic Pressure	Hydraulic Devices	Pressure Dial Gauge (Accuracy =<0.25%)	Bourdon Gauge / Diaphragm Gauge / Spiral Gauge	20 MPa to 1.0 GPa	10 points		46000	4600	For each additional point		2 Week	4 working days
64	Hydraulic Pressure	Hydraulic Devices	Digital Pressure Transducer / Transmitter	Digital Pressure Gauge / Digital Pressure Calibrator	0.07 to 100 MPa (gauge)	10 points		40000	4000	For each additional point		2 Weeks	4 working days
65	Hydraulic Pressure	Hydraulic Devices	Digital Pressure Transducer / Transmitter	Digital Pressure Gauge / Digital Pressure Calibrator	0.07 to 200 MPa (gauge)	10 points		45000	4500	For each additional point		2 Weeks	4 working days
66	Hydraulic Pressure	Hydraulic Devices	Digital Pressure Transducer / Transmitter	Digital Pressure Gauge / Digital Pressure Calibrator	0.07 to 300 MPa (gauge)	10 points		50000	5000	For each additional point		2 Weeks	4 working days
67	Hydraulic Pressure	Hydraulic Devices	Digital Pressure Transducer / Transmitter	Digital Pressure Gauge / Digital Pressure Calibrator	0.07 to 500 MPa (gauge)	10 points		60000	6000	For each additional point		2 Weeks	4 working days
68	Hydraulic Pressure	Hydraulic Devices	Digital Pressure Transducer / Transmitter	Digital Pressure Gauge / Digital Pressure Calibrator	20 to 800 MPa (gauge)	10 points		100000	10000	For each additional point		3 Weeks	5 working days
69	Hydraulic Pressure	Hydraulic Devices	Digital Pressure Transducer / Transmitter	Digital Pressure Gauge / Digital Pressure Calibrator	20 MPa to 1.0 GPa	10 points		120000	12000	For each additional point		3 Weeks	5 working days
70	Ultrasonic	Ultrasonic NDT	Ultrasonic Flaw Detector	UFD		BS: 4331-II / ASTM E 317		36300				25 working days	7 Working Days
71	Ultrasonic	Ultrasonic NDT	Ultrasonic Flaw Detector	UFD		IS: 12666 Clauses 4 & 5		14000				21 working days	7 Working Days
72	Ultrasonic	Ultrasonic NDT	Calibration Block A2 (IIW)	V1 Block		IS: 4904: Clauses 3 & 4		25300				21 working days	7 Working Days
73	Ultrasonic	Ultrasonic NDT	Calibration Block A2 (IIW)	V1 Block		IS: 4904: Clause 3		14000				21 working days	7 Working Days
74	Ultrasonic	Ultrasonic NDT	Calibration Block A4 (IIW)	V2 Block		IS: 4904: Clauses 3 & 4		17500				21 working days	7 Working Days
75	Ultrasonic	Ultrasonic NDT	Calibration Block A4 (IIW)	V2 Block		IS: 4904: Clause 3		10700				21 working days	7 Working Days
76	Ultrasonic	Ultrasonic NDT	Calibration Block A5			IS: 4904: Clauses 3 & 4		25300				21 working days	7 Working Days
77	Ultrasonic	Ultrasonic NDT	Calibration Block A5			IS: 4904: Clause 3		14000				21 working days	7 Working Days
78	Ultrasonic	Ultrasonic NDT	Calibration Block A6			IS: 4904: Clauses 3 & 4		17500				21 working days	7 Working Days
79	Ultrasonic	Ultrasonic NDT Equipment	Calibration Block A6			IS: 4904: Clause 3		10700				21 working days	7 Working Days
80	Ultrasonic	Ultrasonic NDT Equipment	Calibration Block A7			IS: 4904: Clauses 3 & 4		17500				21 working days	7 Working Days
81	Ultrasonic	Ultrasonic NDT Equipment	Calibration Block A7			IS: 4904: Clause 3		10700				21 working days	7 Working Days

82	Ultrasonic	Ultrasonic NDT Equipment	Calibration Block A8		IS: 4904: Clauses 3 &4		25300				21 working days	7 Working Days
83	Ultrasonic	Ultrasonic NDT Equipment	Calibration Block A8		IS: 4904: Clause 3		14000				21 working days	7 Working Days
84	Ultrasonic	Ultrasonic NDT Equipment	Step Block	Step Wedge Block			9000				21 working days	7 Working Days
85	Ultrasonic	Ultrasonic NDT Equipment	Flat Bottom Hole Standard Block	Cylindrical FBH	ASTM E-127		19300				25 working days	7 Working Days
86	Ultrasonic	Ultrasonic NDT Equipment	Ultrasonic Transducer	Ultrasonic Probe	ASTM E-1065		31900	14900	For each additional Probe		25 working days	7 Working Days
87	Ultrasonic	Ultrasonic NDT Equipment	Ultrasonic NDT Equipment	Ultrasonic Thickness Gauge			9000				21 working days	7 Working Days
88	Ultrasonic	Ultrasonic NDT Equipment	Test Rail	Reference Rail	All Holes and Notches		69300				45 working days	10 Working Days
89	Ultrasonic	Ultrasonic NDT Equipment	Ultrasonic Power Transducer	Ultrasonic Transducer	Frequency : 0.5 MHz to 20 MHz Power : 10 mW to 20 W	IEC61161	31000				25 working days	7 Working Days
90	Ultrasonic	Ultrasonic NDT Equipment	UPV Rod	Reference Bar	Complete Range		8000				21 working days	7 Working Days
91	Ultrasonic	Ultrasonic NDT Equipment	Ultrasonic Adapter	Ultrasonic Transducer with block			16500				21 working days	7 Working Days
92	Ultrasonic	Ultrasonic NDT Equipment	Distance Amplitude Block	DA Block			16500				21 working days	7 Working Days