

## LIST OF LAB EQUIPMENTS - PANAGARH

SN	Name of Equipment	Capacity	Quantity	Manual	Certificate	Sl. No.
1	MORTAR MIXER	4.75 litre	1	-	-	16936
2	LAB BALL MILL	10kg	1	REQUIRED	-	16443
3	INTEGRAL TYPE COMPRESSION PROVING RINGS WITH PADS WITH NPL CERTIFICATE	1000KN	1	RECEIVED	RECEIVED	15152
4	1.3D BAG GTENSILE TESTING MACHINE	0-250 kgf	1	RECEIVED	-	16021
5	SIEVE G.I FRAME	30cm dia* 2.0mm	1	-	-	167060
6	VERNIER CALLIPER(DIGITAL)	150*0.1mm	1	-	RECEIVED	B16126116
7	SIEVE G.I FRAME	30cm dia*40mm	13	-	-	-
8	PAN AND COVER FOR 30 CM DIA SIEVES	-	13	-	-	-
9	ELECTRONIC BALNACE, PAN SIZE 230*190 MM	10kg*0.5	4	-	-	-
10	ELECTRONIC BALANCE, PAN SIZE 116MM DIA	300g*0.01g	1	-	-	20026
11	JAW CRUSHER-THREE PHASE	-	1	RECEIVED	-	16386
12	PULVERISER- THREE PHASE	-	1	RECEIVED	-	16445
13	INTEGRAL TYPE COMPRESSION PROVING RINGS WITH PADS WITH NPL CERTIFICATE	50KN(5000 kgf)	1	RECEIVED	RECEIVED	16501
14	TACHOMETER(DUAL CONTACT/ NON CONTACT, PORTABLE)	-	1	RECEIVED	REQUIRED	12661
15	LE-CHATELIER WATER BATH WITH CONTROLLER SIZE 18"*12"*12", MADE OF STAINLESS STEEL, COMPLETE WITH REMOVABLE RACK TO HOLD 12 MOULDS. THE TEMPERATURE IS THEMOSTATICALLY CONTROLLED AND IS INDICATED ON A DIGITAL DISPLAY	-	1	RECEIVED	-	20034
16	LABORATORY CEMENT AUTOCLAVE, ANALOG WITH PRESSURE GAUGE	-	1	RECEIVED	REQUIRED	162214
17	VICAT APPARATUS WITH DASHPOT, WITH ISI CERTIFICATION MARK. IS:5513. THE APPARATUS INCLUDES ONE EACH OF AIM-39301 TO AIM-39307	-	2	RECEIVED	-	161387, 161411
18	AIR PERMEABILITY APPARATUS(BLAIN TYPE) WITH ISI CERTIFICATION MARK, IS:5516, COMPLETE WITH ACCESSORIES AS PER CATALOGUE(AIM-39001 TO AIM-39011)	-	2	RECEIVED	-	160564, 160560



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19	HYGROMETER	4"	2	-	-	20071, 20072
20	MOULD STEEL 70.6MM CUBE WITH ISI CERTIFICATION MARK, IS: 10080 WITH BASE PLATE	-	75	RECEIVED	-	164940, 164978, 164984, 165004, 165011, 165012, 165013, 165018, 165023, 165029, 165185...
21	MOULD, CAST IRON, FOR 50MM CUBE WITH ISI CERTIFICATION MARK, IS 10086	-	30	RECEIVED	-	166328, 166360, 166366, 166412, 166419, 166438, 166439...
22	GAUGING TROWEL, 100 TO 150MM LONG BLADE WITH STRAIGHT EDGE WEIGHT 210±10 GM	-	8	-	-	28405, 28430, 28446, 28487
23	POKING ROD FOR VIBRATION MACHINE	-	5	-	-	22611, 22637, 22605, 22606, 22616
24	SAMPLE TRAY(ENAMEL TRAY)	200*150*30mm	5	-	-	20842, 20843, 20844, 20845, 20846
25	SCOOP, STAINLESS STEEL	5kg	3	-	-	20018, 20122, 20019
26	SPATULA, 150MM BLADE WITH WOODEN HANDLE	-	2	-	-	20398, 20410
27	SIEVE BRASS FRAME 20CM DIA* 1.00MM	-	2	-	-	165049, 165053
28	SIEVE BRASS FRAME 20CM DIA*2.00MM	-	2	-	-	165076, 165080
29	SIEVE G.I FRAME 30CM DIA*3.35MM	-	5	-	-	167095, 167096, 167097, 167098, 167099
30	SIEVE G.I FRAME 30CM DIA*12.5MM	-	5	-	-	168118, 168121, 168122, 168123, 168130





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31	SIEVE G.I FRAME 30CM DIA*6.33 MM	-	5	-	-	167277, 167279, 167307, 167309, 167311
32	SIEVE G.I FRAME 30CM DIA* 19MM	-	2	-	-	167105, 167106
33	SIEVE G.I FRAME 30CM DIA* 25MM	-	2	-	-	167347, 167369
34	SIEVE G.I FRAME 30CM DIA* 50MM	-	2	-	-	167150, 167169
35	SIEVE G.I FRAME 30CM DIA*80MM	-	1	-	-	167127
36	SIEVE G.I FRAME 30CM DIA*100 MM	-	2	-	-	167042, 167043
37	SIEVE BRASS FRAME 20CM DIA* 45 MICRONS	-	5	-	-	165603, 165654, 165651, 165611, 165607
38	SIEVE BRASS FRAME 20CM DIA*63 MICRONS	-	2	-	-	165057, 165042
39	SIEVE BRASS FRAME 20CM DIA*90 MICRONS	-	5	-	-	165725, 165761, 165810, 165726, 165705
40	SIEVE BRASS FRAME 20CM DIA* 150 MICRONS	-	2	-	-	165221, 165207
41	SIEVE BRASS FRAME 20CM DIA* 212 MICRONS	-	2	-	-	165228, 165230
42	SIEVE BRASS FRAME 20CM DIA* 300 MICRONS	-	2	-	-	165193, 165191
43	SIEVE BRASS FRAME 20CM DIA* 500 MICRONS	-	2	-	-	165050, 165062
44	SHRINKAGE BAR MOULD SINGLE COMPARTMENT WITH SMOOTH REFERENCE POINTS AS PER IS:10086	-	10	-	-	166886, 166952, 166949, 166887, 166897
45	STEEL BALLS, 40MM DIA(PACK OF 5KGS)	-	1pkt	-	-	20093
46	STEEL BALLS, 30MM DIA(PACK OF 5KGS)	-	1pkt	-	-	20126
47	STEEL BALLS, 25MM DIA(PACK OF 5 KGS)	-	1pkt	-	-	-
48	STEEL BALLS, 19MM DIA(PACK OF 5 KGS)	-	1pkt	-	-	-
49	STEEL BALLS, 12.5MM DIA(PACK OF 5 KGS)	-	1pkt	-	-	-
50	STEEL BALLS, 20MM DIA(PACK OF 5 KGS)	-	1pkt	-	-	-



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51	STEEL BALLS, 36MM DIA(PACK OF 5 KGS)	-	1pkt	-	-	-
52	AUTOMATIC COMPRESSION TESTING MACHINE	1000KN	1	RECEIVED	-	16151
53	EDI MU COMPRESSION TESTING MACHINE	50KN	1	RECEIVED	-	16074
54	VIBRATION MACHINE WITH BUILT-IN DIGITAL TIMER, NABL CALIBRATED	-	2	RECEIVED	-	163351, 163354
55	LENGTH COMPARATOR DIGITAL, WITHOUT ISI CETIFICATION MARK	-	1	RECEIVED	REQUIRED	20177
56	FLOW TABLE ELECTRICALLY OPERATED WITH DIGITAL COUNTER	-	1	NO	-	20149
57	PRESSURE GAUGE	-	1	-	-	153892
58	ELECTRIC BALANCE FOR CHEM LAB	220 gm	1	RECEIVED	-	2737471096
59	FLAT TOP BALANCE FOR PHY LAB	60 kg	1	RECEIVED	-	2737510206
60	FLAT TOP BALANCE	100 kg	1	RECEIVED	-	161151441
61	CEMENT CURING TANK	500 cubes	1	RECEIVED	-	19-12-2016
62	DISTILLED WATER PLANT /DOUBLE DISTILLATION UNIT	2 ltr per Hr	2	RECEIVED	-	5450804125
63	MAGNETIC STIRRER WITH ENERGY CONTROLLER	2 litre	1	NO	-	-
64	FLAME PHOTOMETER	-	1	RECEIVED	-	16100045
65	PH METER	-	1	RECEIVED	-	16111086
66	HOT AIR OVEN	110 deg C	1	RECEIVED	-	2712/2016
67	HOT AIR OVEN	110 deg C	1	RECEIVED	-	2712/2016
68	HUMIDITY CABINET **	50 deg C / 100% humidity	3	RECEIVED	-	17/12/16,16/12/16,18/12/16
69	HOT PLATE	200 deg C	2	RECEIVED	-	20/12/16,22/12/16
70	MUFFLE FURNACE	1200 deg C	2	RECEIVED	-	2712/2016,2703/1017
71	VACUUM PUMP FOR FREE LIME	-	1	NO	-	27-12-2016
72	SPECTROPHOTOMETER	-	1	RECEIVED	-	1608310648
73	WATER BATH	110 deg C	1	RECEIVED	-	20034
74	HUMIDIFIER	-	1	RECEIVED	-	-
75	WEIGHT BOX	1 mg to 100 gm	1	RECEIVED	-	20001
76	VICAT MOULD SPLIT TYPE WITH CLAMPING RING FOR SETTING TIME	-	-	-	-	-
77	SULPHIDE SULPHER APPARATUS	500 ml	2	-	-	-
78	STOP WATCH DIGITAL	-	2	-	-	Model-Racer

