

**CENTRAL POLLUTION CONTROL BOARD, REGIONAL DIRECTORATE
(CENTRAL) , BHOPAL**

**DETAILED LIST OF LABOTATORY INSTRUMENTS / EQUIPMENT
(Up to March 2017)**

Sl. No.	Name of the Instruments / Equipment	Quantity
1	AOX Analyzer with accessories including Gas Cylinder.	1
2	Autoclave with Digital Temp. Controller	3
3	Ammonia Distillation Assembly	1
4	Anemometer -Digital	1
5	Atomic Absorption Spectrophotometer (GTA/FLAME/VGA) with accessories	2
6	Balance	4
7	Balance (Electronic Top Loading for Media / Broth)	2
8	B.O.D. Incubator	3
9	Bacteriological Incubator	3
10	Burette (Digital) III	2
11	Bottle Cooler	1
12	Bomb Calorimeter	1
13	CVT	1
14	C.O.D. Digestion Apparatus	1
15	Caliberation kit for RDS	2
16	Combustion / Stack gas Analyser	1
17	CO/HC Analyser	1
18	Conductivity Meter	2
19	Coloney Counter (Digital)	1
20	Clamp meter / Tong Tester	1
21	Dispensette	1
22	DO meter with accessories	2
23	Double Distillation Assembly Quartz Type- with electronic relay unit,	3
24	Flue Gas Analyser	1
25	Flame Photometer with compressor	1
26	Filtration Assembly with vaccum pump	1
27	Filtration assembly (Multi Type)	1
28	Fume Extraction System for AAS	1
29	Fume Hood Chamber	1
30	Flash Point Apparatus with accessories	1
31	Gastec Pump Set	1
32	Generator	1
33	Gas Cylinder (filled) for AAS System	4
34	GPS Receiver	1

Sl. No.	Name of the Instruments / Equipment	Quantity
35	GAS CHROMATOGRAPH (GC)	3
	GAS CHROMATOGRAPH (GC)- Computer attached with Printer & accessories.	1
	GAS CHROMATOGRAPH (GC)-Gas Cylinder with accessories	3
36	Handy Sampler with Battery charger	9
37	High Volume Sampler with gaseous assembly	2
38	Hot Plate	3
39	Heating Mantle with energy regulator	1
40	Heat Exchanger for Doble Distillation Unit	1
41	Hygrometer - Digital	1
42	Jar Test Apparatus / Flocculator	1
43	Kjeldhal Extraction Apparatus	1
44	LPG connection with Gas Stove and accessories	1
45	Laminar Air Flow -Horizontal	1
46	Muffle furnace with digital temperature controller	1
47	Multimeter- Digital (Make:Meco,	1
48	Magnetic Stirrer with hotplate	1
49	Mercury Analyser -Digital	1
50	Microwave Accelerator Reaction System for Digestion	1
51	Microwave oven	2
52	Microscope (Compound)	1
53	Meteorological Station (AWS)	1
54	Moisture analyzer	1
55	NO _x Apparatus	4
56	Noise level Meter with tripod stand & Battery charger	5
57	Nephelo-Turbidity Meter - Digital	1
58	Oven- Hot Air	1
59	Orsat Gas Analyser with accessories	3
60	Phenol Distillation Assembly	1
61	Phenol Distillation Unit Make: Alliance	2
62	pH/Ion Analyser with accessories	1
63	pH Meter (Systronics ,Model: 362M)	2
64	pH Meter (Systronics, Model:362 M)	1
65	PM 2.5 SAMPLER	6
66	PM-10 Sampler	4
67	Respirable Dust Sampler with gaseous assembly	8
68	Refrigerator -Double Door -230 Ltrs.	3
69	Rotary Evaporator with accessories	1
70	Smoke Density Meter	1

Sl. No.	Name of the Instruments / Equipment	Quantity
71	Spectrophotometer- Digital	3
72	Spectrophotometer (UV-Visible)- PC Controlled	1
73	Stack Monitoring Kit with Dry gas Meter & Vaccum Pump	5
74	Stack Monitoring Kit fitted with Dry gas Meter & Vaccum Pump for Mercury (Hg) Monitoring	1
75	Pitot tube & Probe pipe (2 Mtr.)- Stack Monitoring Kit Accessories	1 Set
76	Heating Probe Assembly for Stack Monitoring Kit	2
77	Stack velocity monitor	1
78	Servo Voltage Stabilizer	0
79	TKN Assembly with accessories	2
80	Tissue Homoginiser with Speed Regulator	1
81	Tool Kit / Box	1
82	U.P.S. (On line), 1-phase, 50Hz, 230 Volts with battery banks (Uniline, 05 KVA , Back up :1 Hrs)	3
83	Ultrasonic Bath / Cleaner	1
84	Vaccum Pump for Filtration Assembly	1
85	Weighing Machine	1
86	Wind Vane with four direction arms	1
87	Waterbath	2
88	Water Purification System	1
89	Washer & Dryer	1
90	Water Analyser	1