

## Annexure -A

### List of chemicals required in SPCB, Air Lab. Jammu for the year-2015-16

S.No.	Name of the items	App.Quantity	Make
1.	Sodium Hydroxide pellets	500g	Merck/ Qualigen/Other Standard
2.	Sulphanilamide	100g	-
3.	Sodium Arsenate	250g	
4.	Sulphamic acid	500g	
5.	Ethylenediamine tetra acetic acid(EDTA)		-
6.	Sodium Chloride	do	
7.	Formaldehyde Sol.	500ml	-
8.	Hydrogen peroxide30%	do	-
9.	Mercuric chloride	500g	
10.	NEEDA. (Naphthyl Ethylene di-amine Dihydrodichloride )	50g	-
11.	Pararosaline	50g	
12.	Hydrochloric Acid	1ltr	
13.	Ortho-Phosphoric Acid. 85%	500ml	-

## Annexure-B

### List of Lab items required in Air Lab. for the year-2015-16

S.No.	Name of the items	Quantity (App.Reqd.)	Make
1.	Filter paper(8x10 inch)	20 Pkt.	Whatman GF/A
2.	Thimble(19mmx90mm) (GlassMicrofibre)	20 Pkt.	Whatman GF/A
3.	Filter paper for pm <sub>2.5</sub>  (47mm & 37mm)	02 pkt of each size.	Whatman
4.	Adhesive slips	02pkt	
5.	Misc.Lab items.	-	
	i.Dispensor		
	ii.Tissue roll,Electric wire,Extensions Boards etc.		

## Annexure –C

### List of Glassware required in Air Lab. for the year-2015-16

S. No.	Name of the items	App.Nos.	Make
1.	Pipette 1ml	02	Borosil/Rivera/Standard make
2.	Pipette 2ml	02	--
3.	Pipette 5ml/10ml	02 each	--
4.	Volumetric flask 25,50,100,500ml	20	--
5.	Measuring cylinder 10ml	05	--
6.	Measuring cylinder 20ml	05	--
7.	Measuring cylinder 50ml	05	--
8.	Funnel 50,100ml	10	--

#### For Bio-Lab:

1. High Media, Rapid Hi-Coliform ( TM) Kit= 50 No.

### List of Miscellaneous items /Glass wares (2015-16)

S.No.	Name of Glass ware Misc.items with packing
1.	Tissue rolls(packets)
2.	Filter papers(ordinary)
3.	Filter papers whatman 40.No.
4.	Filter papers GFC(47mm)
5.	Adhesive slip pads (8cm)
6.	Aprons (cotton)
7.	Gloves
8.	Sampling bottles(Tefflon)
9.	BOD Bottles (300ml)Glass
10.	Dark coloured glass bottles Graduated ( 1l)
11.	Dark coloured glass bottles(250/500/1000ml)
12.	Volumetric flasks50ml,100ml,250ml,500ml,1000ml
13.	Conical flasks125ml,250ml
14.	Beakers100ml,250ml,500ml
15.	MeasuringCylinders10ml,25ml,50ml,100ml,500ml
16.	Burettes 50ml,100ml
17.	Pipetts2ml,5ml,10ml,25ml
18.	Funnels35mm,75mm Dia size
19.	Tongs
20.	Wash bottles(500ml)
21.	Dropping bottles(120ml)
22.	Separately funnels 500ml
23.	Pipette aid 10ml,25ml
24.	Multipurpose Labelling Tape75x500inches
25.	Markers Red,Blue,GREEN ,black
26.	Butter Paper
27.	Liquid soap/Detergent
28.	Digital Burette (Vit Lab).

Note :-The items should be of standard make.

**List of chemicals Required in SPCB Water Laboratory for the year 2015-16.**

<b>S.No.</b>	<b>Name of Chemicals with packing</b>
1.	Ammonium Molybdate (100gm)
2.	Ammonium Chloride(500gm)
3.	Ammonia Solution(500ml)
4.	Ammonium Ferrous Sulphate(500gm)
5.	Ascorbic acid (100)
6.	Ammonium Acetate(500gm)
7.	1-Amino-2-Naphthol-4-Sulphonic acid(100)
8.	Aluminium hydroxide(250gm)
9.	Adhesive slip pads(6cm)
10.	Adhesive slip pads (8cm)
11.	Acetic acid(500ml)
12.	Ammonium Sulphate(500gm)
13.	Antimony Powder(500gm)
14.	Acetone(2.5L)
15.	Boric acid(500gm)
16.	Barium chloride(500gm)
17.	Cobalt chloride(100gm)
18.	Curcumin(10gm)
19.	Calcium carbonate(500gm)
20.	Carmine(25gm)/5gm
21.	Copper sulphate(500gm)
22.	Citric acid(500gm)
23.	Chromotropic acid(25gm)
24.	Calcium chloride(500gm)
25.	Diethyl ether(500ml)
26.	Diphenyl amine(250gm)
27.	EDTA(500gm)
28.	Ethanol sol.(500ml)
29.	Exaline(1l)
30.	EriochromeBlack-T(250gm)
31.	Formaldehyde sol(500ml)
32.	Ferrous sulphate(500gm)
33.	Nitric acid (conc.500ml/2.5ltr)
34.	Sodium thiosulphate (500gm)
35.	Ferric chloride(500gm)
36.	Glycerine(500ml)
37.	Glucose Reagent grade(500gm)
38.	Glutamic acid(250gm)
39.	Hydrogen peroxide(6%)
40.	Hydrogen peroxide (30%)
41.	Hexane(2.5l)/500ml
42.	Hydroxylgene chloride(100gm)
43.	Hydrochloric acid(500ml)

44.	Hydrochloric acid(2.5l)
45.	Iodine sol.(0.05mol/l)
46.	Iodine(100gm)
47.	Isopropyl alcohol(500ml)
48.	Mercuric chloride(250gm)
49.	Magnesium chloride(250gm)
50.	Manganese sulphate(500gm)
51.	Magnesium sulphate(500gm)
52.	Mercuric iodide(100gm)
53.	Mercury sulphate(250gm)
54.	Methylred(25gm)
55.	Methylene blue(125ml)
56.	Murexide(25gm)
57.	Nickel sulphate(500gm)
58.	NEEDA(250gm)
59.	Nickel nitrate(500gm)
60.	Oxalic acid(500gm)
61.	Petroleum benzene60-80%(500ml)/2.5ltr
62.	Pot.sodium tartarate(500gm)
63.	Pot.dichromate(500gm)
64.	Pot.iodide(250gm)
65.	Phosphoric acid 85%(500ml)/2.5ml
66.	Pot.nitrate(500gm)
67.	Pot.aluminium sulphate(500gm)
68.	PH paper(packet)
69.	Phenol (500gm)
70.	Pot. Iodate(100gm)
71.	Pot.hydrogen phthalate(500gm)
72.	1,10-Phenanthroline(5gm)
73.	Pot.thiocyanate(500gm)
74.	Pot.hydrogen phosphate(500gm)
75.	Pot.dihydrogen phosphate(500gm)
76.	pH Buffer 7.0
77.	pH Buffer 4.0
78.	pH Buffer9.2
79.	Pot.sulphate(500gm)
80.	Pot.phosphate(500gm)
81.	Pot.hydroxide(500gm)
82.	Petroleum ether(2.5l)
83.	Pot.chloroplatinate(1gm)
84.	Phenolphthalein sol(125ml)
85.	Stannous chloride(100gm)
86.	Sod.sulphate(500gm)
87.	Sod.nitrate(500gm)
88.	Sod.hydroxide(500gm)
89.	Starch(500gm)

90.	Sod.thiosulphate(500gm)
91.	Sod.bicarbonate(500gm)
92.	SPADNS(5gm)
93.	Sod.arsenite sol(1l)
94.	Sulphanilamide(100gm)
95.	Sulphuric acid(500ml)
96.	Sulphuric acid(2.5l)
97.	Sod.carbonate(500ml)
98.	Sod.acetate(500gm)
99.	Sod.chloride(500gm)
100.	Silver nitrate(25gm)
101.	Sod.azide(100gm)
102.	Sod.fluoride(500gm)
103.	Sod.iodide(100gm)
104.	Salicyclic acid(500gm)
105.	Silver sulphate(25gm)
106.	Sod. Silicate(500gm)
107.	Sod.hydrogen sulphate(500gm)
108.	Sod.hydrogen phosphate(500gm)
109.	Sod.sulphite(500gm)
110.	Silica Gel(500gm)
111.	Sod.oxalate(500gm)
112.	Tin chloride(100gm)
113.	Tissue roll (packet)
114.	Urea (500gm)
115.	Zinc fillings (500gm)
116.	Zinc acetate(500gm)
117.	Zinc sulphate(500gm)
118.	Zirconyl chloride(100gm)
119.	Triplex-111GR(100gm)
120.	Hydrazine sulphate(100gm)
121.	Hexamethylene tetramine

#### CONDITIONS

- Rates should be FOR at PCB office.
- Rates so quoted should be inclusive of all kinds of taxes so levied by Govt. from time to time.
- Payment of the bill should be made after proper verification by the concerned.
- The contract will be valid for one year or finalization of fresh quotations which ever is earlier.
- Necessary authorization letter/papers should be enclosed with the quotations.