


Department of Chemical Engineering  
List of Chemicals required for water testing

Sl.No.	Items		Quantity
1	Conductivity standard solution 1413 micro siemens ECCON 1413 BT	500 ml	1
2	PH 4 Buffer ECBU4BT	500 ml	1
3	PH 7 Buffer ECBU7BT	500 ml	1
4	PH 9 Buffer ECBU9BT	500 ml	1
5	TDS solution 50 ppm EC44250 BT	500 ml	1
6	TDS solution 300 ppm EC442300 BT	500 ml	1
7	TDS solution 1000 ppm EC4421000 BT	500 ml	1
8	Salinity Calibration standard 5 PPT NaCl ECNA CL5PPT	500 ml	1
9	Salinity Calibration standard 2.5 PPT NaCl ECNA CL25PPT	500 ml	1
10	Salinity Calibration standard 45 PPT NaCl ECNA CL45PPT	500 ml	1
11	Chloride Standard 100 ppm Buffer (for research grade analyser)	500 ml	1
12	Chloride Standard 1000 ppm Buffer (for research grade analyser)	500 ml	1
13	Chloride Standard ionic strength adjuster (ISA)	500 ml	1
14	Dissolved oxygen standard solution (EUTECH DO 2700)	500 ml	1
15	Lab Apron		4Nos.
16	Goggles		5Nos.
17	Mask		1 packet

  
H.O.D.,  
DEPT. OF CHEMICAL ENGG.  
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