

1. NAME OF THE PROJECT	2. NAME OF THE INSTITUTION
3. NAME OF THE DEPARTMENT	4. NAME OF THE STUDENT
5. NAME OF THE GUIDE	6. NAME OF THE JURY
7. NAME OF THE JURY	8. NAME OF THE JURY
9. NAME OF THE JURY	10. NAME OF THE JURY

Date: 10/05/2018
 Page: 1
 Subject: Water Treatment Engineering
 Unit: Unit 1
 Topic: Design and Construction of a Small Scale Water Treatment Plant

Sl. No.	Name of the Component	Material	Quantity	Unit	Remarks	Date
1	1. Sand	1000 kg	1	kg		
2	2. Gravel	1000 kg	1	kg		
3	3. Activated Carbon	1000 kg	1	kg		
4	4. Alum	1000 kg	1	kg		
5	5. Chlorine	1000 kg	1	kg		
6	6. Lime	1000 kg	1	kg		
7	7. Soda Ash	1000 kg	1	kg		
8	8. Potassium Permanganate	1000 kg	1	kg		
9	9. Ferric Chloride	1000 kg	1	kg		
10	10. Copper Sulfate	1000 kg	1	kg		
11	11. Zinc Sulfate	1000 kg	1	kg		
12	12. Manganese Sulfate	1000 kg	1	kg		
13	13. Nickel Sulfate	1000 kg	1	kg		
14	14. Cobalt Sulfate	1000 kg	1	kg		
15	15. Barium Sulfate	1000 kg	1	kg		
16	16. Strontium Sulfate	1000 kg	1	kg		
17	17. Calcium Sulfate	1000 kg	1	kg		
18	18. Magnesium Sulfate	1000 kg	1	kg		
19	19. Sodium Sulfate	1000 kg	1	kg		
20	20. Potassium Sulfate	1000 kg	1	kg		
21	21. Ammonium Sulfate	1000 kg	1	kg		
22	22. Calcium Hydroxide	1000 kg	1	kg		
23	23. Sodium Hydroxide	1000 kg	1	kg		
24	24. Potassium Hydroxide	1000 kg	1	kg		
25	25. Ammonium Hydroxide	1000 kg	1	kg		
26	26. Calcium Chloride	1000 kg	1	kg		
27	27. Sodium Chloride	1000 kg	1	kg		
28	28. Potassium Chloride	1000 kg	1	kg		
29	29. Ammonium Chloride	1000 kg	1	kg		
30	30. Calcium Nitrate	1000 kg	1	kg		
31	31. Sodium Nitrate	1000 kg	1	kg		
32	32. Potassium Nitrate	1000 kg	1	kg		
33	33. Ammonium Nitrate	1000 kg	1	kg		
34	34. Calcium Phosphate	1000 kg	1	kg		
35	35. Sodium Phosphate	1000 kg	1	kg		
36	36. Potassium Phosphate	1000 kg	1	kg		
37	37. Ammonium Phosphate	1000 kg	1	kg		
38	38. Calcium Sulfate	1000 kg	1	kg		
39	39. Sodium Sulfate	1000 kg	1	kg		
40	40. Potassium Sulfate	1000 kg	1	kg		
41	41. Ammonium Sulfate	1000 kg	1	kg		
42	42. Calcium Hydroxide	1000 kg	1	kg		
43	43. Sodium Hydroxide	1000 kg	1	kg		
44	44. Potassium Hydroxide	1000 kg	1	kg		
45	45. Ammonium Hydroxide	1000 kg	1	kg		
46	46. Calcium Chloride	1000 kg	1	kg		
47	47. Sodium Chloride	1000 kg	1	kg		
48	48. Potassium Chloride	1000 kg	1	kg		
49	49. Ammonium Chloride	1000 kg	1	kg		
50	50. Calcium Nitrate	1000 kg	1	kg		
51	51. Sodium Nitrate	1000 kg	1	kg		
52	52. Potassium Nitrate	1000 kg	1	kg		
53	53. Ammonium Nitrate	1000 kg	1	kg		
54	54. Calcium Phosphate	1000 kg	1	kg		
55	55. Sodium Phosphate	1000 kg	1	kg		
56	56. Potassium Phosphate	1000 kg	1	kg		
57	57. Ammonium Phosphate	1000 kg	1	kg		
58	58. Calcium Sulfate	1000 kg	1	kg		
59	59. Sodium Sulfate	1000 kg	1	kg		
60	60. Potassium Sulfate	1000 kg	1	kg		
61	61. Ammonium Sulfate	1000 kg	1	kg		
62	62. Calcium Hydroxide	1000 kg	1	kg		
63	63. Sodium Hydroxide	1000 kg	1	kg		
64	64. Potassium Hydroxide	1000 kg	1	kg		
65	65. Ammonium Hydroxide	1000 kg	1	kg		
66	66. Calcium Chloride	1000 kg	1	kg		
67	67. Sodium Chloride	1000 kg	1	kg		
68	68. Potassium Chloride	1000 kg	1	kg		
69	69. Ammonium Chloride	1000 kg	1	kg		
70	70. Calcium Nitrate	1000 kg	1	kg		
71	71. Sodium Nitrate	1000 kg	1	kg		
72	72. Potassium Nitrate	1000 kg	1	kg		
73	73. Ammonium Nitrate	1000 kg	1	kg		
74	74. Calcium Phosphate	1000 kg	1	kg		
75	75. Sodium Phosphate	1000 kg	1	kg		
76	76. Potassium Phosphate	1000 kg	1	kg		
77	77. Ammonium Phosphate	1000 kg	1	kg		
78	78. Calcium Sulfate	1000 kg	1	kg		
79	79. Sodium Sulfate	1000 kg	1	kg		
80	80. Potassium Sulfate	1000 kg	1	kg		
81	81. Ammonium Sulfate	1000 kg	1	kg		
82	82. Calcium Hydroxide	1000 kg	1	kg		
83	83. Sodium Hydroxide	1000 kg	1	kg		
84	84. Potassium Hydroxide	1000 kg	1	kg		
85	85. Ammonium Hydroxide	1000 kg	1	kg		
86	86. Calcium Chloride	1000 kg	1	kg		
87	87. Sodium Chloride	1000 kg	1	kg		
88	88. Potassium Chloride	1000 kg	1	kg		
89	89. Ammonium Chloride	1000 kg	1	kg		
90	90. Calcium Nitrate	1000 kg	1	kg		
91	91. Sodium Nitrate	1000 kg	1	kg		
92	92. Potassium Nitrate	1000 kg	1	kg		
93	93. Ammonium Nitrate	1000 kg	1	kg		
94	94. Calcium Phosphate	1000 kg	1	kg		
95	95. Sodium Phosphate	1000 kg	1	kg		
96	96. Potassium Phosphate	1000 kg	1	kg		
97	97. Ammonium Phosphate	1000 kg	1	kg		
98	98. Calcium Sulfate	1000 kg	1	kg		
99	99. Sodium Sulfate	1000 kg	1	kg		
100	100. Potassium Sulfate	1000 kg	1	kg		

I hereby certify that the above is a true and correct statement of the materials used in the project.
 Signature of the Student: Mr. A. J. Jeyaraj
 Signature of the Guide: Mr. P. S. Kumar
 Signature of the Jury: Mr. M. S. Kumar
 Date: 10/05/2018

1. NAME OF THE PROJECT: Design and Construction of a Small Scale Water Treatment Plant
 2. NAME OF THE INSTITUTION: Government Engineering College, Salem
 3. NAME OF THE DEPARTMENT: Chemical Engineering
 4. NAME OF THE STUDENT: Mr. A. J. Jeyaraj
 5. NAME OF THE GUIDE: Mr. P. S. Kumar
 6. NAME OF THE JURY: Mr. M. S. Kumar
 7. NAME OF THE JURY: Mr. M. S. Kumar
 8. NAME OF THE JURY: Mr. M. S. Kumar
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