

Total Quantity of Steel and Concrete							
S.No	Wind Speed in m/sec	Capacity of tank in	Staging height in	SBC of Soil in	Quantity of Concrete in Cum	Quantity of Steel in ton	Quantity of Concre
1	50	10	12.75	7.5	25.4		70.41
2	50	15	12.75	7.5	26.1		80.39
3	50	20	12.75	7.5	27.31	2.95	94.62
4	50	30	12.75	7.5	29.3	3.03	98.6
5	50	40	12.75	7.5	36.49	3.83	112.98
6	50	60	12.9	7.5	40.14	3.89	120.28
7	50	90	12.9	7.5	58.36	5.83	156.72
8	50	120	13.05	7.5	67.31	6.31	174.62
9	50	150	13.35	7.5	77.92	6.94	195.84
10	50	200	13.1	7.5	118.22	9.18	276.44
11	50	250	13.5	7.5	158.7	10.93	357.4
12	50	300		7.5			380
					665.25	52.89	
1	50	20	12.75	10	26.84	2.91	77.68
2	50	30	12.75	10	28.74	2.96	84.48
3	50	40	12.75	10	35.9	3.79	103.8
4	50	60	12.75	10	39.16	3.83	110.32
5	50	90	12.75	10	56.44	5.71	144.88
6	50	120	13.05	10	64.28	6.04	160.56
7	50	150	13.35	10	72.7	6.38	177.4
8	50	200	13.1	10	113.13	8.47	258.26
9	50	250	13.5	10	149.58	10.03	331.16
					586.77	50.12	
1	50	150	13.35	15	70.77	6.19	168.54
2	50	200	13.1	15	110.16	8.23	252.32
3	50	250	13.5	15	143.65	9.24	319.3
					324.58	23.66	
1	44	20	12.75	7.5	26.84	2.61	77.68
2	44	30	12.75	7.5	26.68	2.64	84.36
3	44	40	12.75	7.5	36.1	3.22	104.2
4	44	60	12.9	7.5	47.36	4.49	126.72
5	44	90	12.75	7.5	57.73	5.34	147.46
6	44	120	13.05	7.5	66.48	5.7	164.96
7	44	150	13.35	7.5	74.9	6.46	180.8
8	44	200	13.1	7.5	118.22	8.69	268.44
9	44	250	13.5	7.5	158.7	10.51	349.4
					615.01	49.66	
1	44	20	12.75	10	26.84	2.61	77.68
2	44	30	12.75	10	28.2	2.61	83.4
3	44	40	12.75	10	35.27	3.21	102.54
4	44	60	12.9	10	39.16	3.21	110.32
5	44	90	12.75	10	56.36	5.25	144.72
6	44	120	13.05	10	64.94	5.53	161.88
7	44	150	13.35	10	72.15	5.96	176.3
8	44	200	13.1	10	113.13	7.97	258.26
9	44	250	13.5	10	149.58	9.09	331.16
					585.63	45.44	
1	44	40	12.75	10	35.9	3.21	98.8

// Authenticated //

B. Raju
Deputy Executive Engineer(T)

12/1/13