GOVERNMENT OF GOA QUALITY CONTROL LABORATORY WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 4739 to 4743,4756 to 4759,4810 to 4813,/ Lab / 129 /2022 - 23 Dated: - 20/06/2022. Laboratory : Bicholim - Goa. 4820 to 4823,4832 to 4836,4850 to 4854,4873 to 4877,4890 to 4894,4905 to 4909,4913 to 4917, Sub Division V (QC)/WRD/ Bicholim- Goa. 4945 to 4949,4964 to 4968,4991 to 4994.

Name of work: Rejuvenation of St. Inez nallah - Improvement to Hydrodynamics, Water Quality And Stabilization of banks, under Smart City Mission. Ref. to Requisition No.: SDIV/WDI/WRD/F.38/22-23/165 Dt.:- 30/ 05/ 2022

Qty. Recived.: 61 Sets of cube Date of Receipt:- 01/06 / 2022. Tested on: 01,02,06,07,08,09,10,11,12,13,14,15, & 16/06/2022 as per due dates. Ref to CPWD: 2009, Vol. I

Sample: Cube Mix M -25 O.S No. :8703 to 8707,8720 to 8723,8775 to 8778,8785 to 8788,8797 to 8801,8815 to 8819,8839 to 8843,8858 to 8862,8874 to 8878,8883 to 8887,8918 to 8922,8938 to 8942,8965 to 8968/SS Lab. Sample No.: 4640 to 4700 Tested By: Mrs. S. B. Naik Shirodkar. J.E.

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RES	ULTS	Max./Min.Value permissable	% above or below	REMARK
		28 th day	287.69	Kg/Cm ²			
1	Cement concrete cube of mix M-25 , cast on	compressive	296.75	Kg/Cm ²	290.00 Kg/cm ²	2.85	Qty represents - 58.00 M3 for five sets of
'	04/05/2022. For PCC bed Peter Bhat 4th lift.	strength	310.34	Kg/Cm ²	290.00 Kg/CIII	2.03	cubes.
		Average	298.26	Kg/Cm ²			
		28 th day	289.95	Kg/Cm ²			
2	Cement concrete cube of mix M-25 , cast on	compressive	305.81	Kg/Cm ²	200 00 Kg/cm ²	4.15	do
	04/05/2022. For PCC bed Peter Bhat 4th lift.	strength	310.34	Kg/Cm ²	290.00 Kg/cm ²	4.13	uo
		Average	302.03	Kg/Cm ²			
	Cement concrete cube of mix M-25 , cast on 04/05/2022. For PCC bed Peter Bhat 4th lift.	28 th day	303.55	Kg/Cm ²	290.00 Kg/cm ²		
3		compressive	287.69	Kg/Cm ²		3.37	do
3		strength	308.08	Kg/Cm ²		3.37	uo
		Average	299.77	Kg/Cm ²			
		28 th day	289.95	Kg/Cm ²			do
4	Cement concrete cube of mix M-25 , cast on 04/05/2022. For PCC bed Peter Bhat 4th lift.	compressive	305.81	Kg/Cm ²	290.00 Kg/cm ²	4.41	
4	04/05/2022. For PCC bed Peter Bhat 4th lift.	strength	312.61	Kg/Cm ²	290.00 kg/ciii	4.41	do
		Average	302.79	Kg/Cm ²			
		28 th day	310.34	Kg/Cm ²			do
5	Cement concrete cube of mix M-25 , cast on	compressive	285.42	Kg/Cm ²	200.00 // / 200.2	5.45	
3	04/05/2022. For PCC bed Peter Bhat 4th lift.	strength	321.67	Kg/Cm ²	290.00 Kg/cm ²	5.45	
		Average	305.81	Kq/Cm ²			

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RES	ULTS	Max./Min.Value permissable	% above or below	REMARK
		28 th day	292.22	Kg/Cm ²	•		
6	Cement concrete cube of mix M-25, cast on	compressive	305.81	Kg/Cm ²	200 00 1/2 /2 2	6.49	Oty represents - 42.00 M3 for four sets of
0	05/05/2022. For Peter Bhat 5th lift PCC bed.	strength	328.46	Kg/Cm ²	290.00 Kg/cm ²	0.49	cubes.
		Average	308.83	Kg/Cm ²			
		28 th day	310.34	Kg/Cm ²			
7	Cement concrete cube of mix M-25 , cast on	compressive	317.14	Kg/Cm ²	290.00 Kg/cm ²	4.67	do
'	05/05/2022. For Peter Bhat 5th lift PCC bed.	strength	283.16	Kg/Cm ²	290.00 kg/ciii	4.07	do
		Average	303.55	Kg/Cm ²			
		28 th day	312.61	Kg/Cm ²			
8	Cement concrete cube of mix M-25 , cast on	compressive	292.22	Kg/Cm ²	290.00 Kg/cm ²	4.15	do
"	05/05/2022. For Peter Bhat 5th lift PCC bed.	strength	301.28	Kg/Cm ²	290.00 kg/ciii	4.13	uo
		Average	302.03	Kg/Cm ²			
	Cement concrete cube of mix M-25 , cast on 05/05/2022. For Peter Bhat 5th lift PCC bed.	28 th day	305.81	Kg/Cm ²	290.00 Kg/cm ²	8.58	do
9		compressive	312.61	Kg/Cm ²			
′		strength	326.20	Kg/Cm ²		0.50	
		Average	314.87	Kg/Cm ²			
		28 th day	310.34	Kg/Cm ²	290.00 Kg/cm ²		Qty represents - 41.00 M3 for four sets of cubes.
10	Cement concrete cube of mix M-25 , cast on 09/05/2022. For PCC bed.	compressive	303.55	Kg/Cm ²		4.15	
10		strength	292.22	Kg/Cm ²		1.10	
		Average	302.03	Kg/Cm ²			
		28 th day	321.67	Kg/Cm ²			
11	Cement concrete cube of mix M-25 , cast on	compressive	294.48	Kg/Cm ²	290.00 Kg/cm ²	4.41	do
''	09/05/2022. For PCC bed.	strength	292.22	Kg/Cm ²	270.00 kg/cm	1.11	do
		Average	302.79	Kg/Cm ²			
		28 th day	296.75	Kg/Cm ²			
12	Cement concrete cube of mix M-25 , cast on	compressive	317.14	Kg/Cm ²	290.00 Kg/cm ²	7.53	do
'2	09/05/2022. For PCC bed.	strength	321.67	Kg/Cm ²	2 70.00 kg/cm	7.55	uo
		Average	311.85	Kg/Cm ²			
		28 th day	283.16	Kg/Cm ²			
13	Cement concrete cube of mix M-25 , cast on	compressive	308.08	Kg/Cm ²	290.00 Kg/cm ²	5.19	do
	09/05/2022. For PCC bed.	strength	323.93	Kg/Cm ²	270.00 Ng/CIII	5.19	do
		Average	305.06	Kg/Cm ²			

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RES	ULTS	Max./Min.Value permissable	% above or below	REMARK
		28 th day	287.69	Kg/Cm ²			
14	Cement concrete cube of mix M-25, cast on	compressive	292.22	Kg/Cm ²	290.00 Kg/cm ²	3.11	Qty represents - 33.00 M3 for four sets of
14	10/05/2022. For PCC bed.	strength	317.14	Kg/Cm ²	290.00 kg/ciii	3.11	cubes.
		Average	299.01	Kg/Cm ²			
		28 th day	321.67	Kg/Cm ²			
15	Cement concrete cube of mix M-25 , cast on	compressive	280.89	Kg/Cm ²	290.00 Kg/cm ²	2.59	do
13	10/05/2022. For PCC bed.	strength	289.95	Kg/Cm ²	290.00 kg/ciii	2.57	uo
		Average	297.50	Kg/Cm ²			
		28 th day	285.42	Kg/Cm ²			
16	Cement concrete cube of mix M-25, cast on	compressive	310.34	Kg/Cm ²	200.00 Kg /am²	4.93	do
10	10/05/2022. For PCC bed.	strength	317.14	Kg/Cm ²	290.00 Kg/cm ²	4.93	do
		Average	304.30	Kg/Cm ²			
	Cement concrete cube of mix M-25 , cast on 10/05/2022. For PCC bed.	28 th day	299.01	Kg/Cm ²	200 00 Kr./a2		do
17		compressive	305.81	Kg/Cm ²		3.37	
17		strength	294.48	Kg/Cm ²	290.00 Kg/cm ²	3.37	do
		Average	299.77	Kg/Cm ²			
		28 th day	317.14	Kg/Cm ²			
18	Cement concrete cube of mix M-25 , cast on 11/05/2022. For Piles 1:5:10 Bandhara RHS fd.	compressive	289.95	Kg/Cm ²	290.00 Kg/cm ²	3.37	Oty represents - 83.00 M3 for five sets of
10		strength	292.22	Kg/Cm ²	290.00 Kg/CIII	3.37	cubes.
		Average	299.77	Kg/Cm ²			
		28 th day	287.69	Kg/Cm ²			
19	Cement concrete cube of mix M-25 , cast on	compressive	312.61	Kg/Cm ²	290.00 Kg/cm ²	6.75	do
' /	11/05/2022. For Piles 1:5:10 Bandhara RHS fd.	strength	328.46	Kg/Cm ²	2 70.00 kg/cm	0.75	do
		Average	309.59	Kg/Cm ²			
		28 th day	312.61	Kg/Cm ²			
20	Cement concrete cube of mix M-25 , cast on	compressive	317.14	Kg/Cm ²	290.00 Kg/cm ²	9.36	do
20	11/05/2022. For Piles 1:5:10 Bandhara RHS fd.	strength	321.67	Kg/Cm ²	270.00 kg/cm	7.50	do
		Average	317.14	Kg/Cm ²			
		28 th day	328.46	Kg/Cm ²			
21	Cement concrete cube of mix M-25, cast on	compressive	296.75	Kg/Cm ²	290.00 Kg/cm ²	6.75	do
	11/05/2022. For Piles 1:5:10 Bandhara RHS fd.	strength	303.55	Kg/Cm ²	2 70.00 Ng/ 0111		
		Average	309.59	Kg/Cm ²			

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RES	ULTS	Max./Min.Value permissable	% above or below	REMARK
		28 th day	289.95	Kg/Cm ²			
22	Cement concrete cube of mix M-25, cast on	compressive	314.87	Kg/Cm ²	290.00 Kg/cm ²	5.97	Oty represents - 83.00 M3 for five sets of
22	11/05/2022. For Piles 1:5:10 Bandhara RHS fd.	strength	317.14	Kg/Cm ²	290.00 kg/cm	3.97	cubes.
		Average	307.32	Kg/Cm ²			
		28 th day	283.16	Kg/Cm ²			
23	Cement concrete cube of mix M-25 , cast on	compressive	312.61	Kg/Cm ²	290.00 Kg/cm ²	4.67	Oty represents - 81.00 M3 for five sets of
23	12/05/2022. For Fire Station fd main building.	strength	314.87	Kg/Cm ²	290.00 kg/ciii	4.07	cubes.
		Average	303.55	Kg/Cm ²			
		28 th day	308.08	Kg/Cm ²			
24	Cement concrete cube of mix M-25 , cast on	compressive	310.34	Kg/Cm ²	290.00 Kg/cm ²	4.15	do
24	12/05/2022. For Fire Station fd main building.	strength	287.69	Kg/Cm ²	290.00 kg/cm	4.15	do
		Average	302.03	Kg/Cm ²			
	Cement concrete cube of mix M-25 , cast on 12/05/2022. For Fire Station fd main building.	28 th day	283.16	Kg/Cm ²	290.00 Kg/cm ²		do
25		compressive	303.55	Kg/Cm ²		2.07	
23		strength	301.28	Kg/Cm ²	290.00 kg/ciii	2.07	do
		Average	295.99	Kg/Cm ²			
		28 th day	305.81	Kg/Cm ²	290.00 Kg/cm ²		do
26	Cement concrete cube of mix M-25 , cast on 12/05/2022. For Fire Station fd main building.	compressive	292.22	Kg/Cm ²		3.89	
20		strength	305.81	Kg/Cm ²			
		Average	301.28	Kg/Cm ²			
		28 th day	292.22	Kg/Cm ²			
27	Cement concrete cube of mix M-25 , cast on	compressive	312.61	Kg/Cm ²	290.00 Kg/cm ²	6.49	do
21	12/05/2022. For Fire Station fd main building.	strength	321.67	Kg/Cm ²	2 70.00 kg/cm	0.47	do
		Average	308.83	Kg/Cm ²			
	Cement concrete cube of mix M-25 , cast on	28 th day	305.81	Kg/Cm ²			
28	13/05/2022. For Piles no. 2,6,11,16,20 Bandhara	compressive	285.42	Kg/Cm ²	290.00 Kg/cm ²	4.41	Oty represents - 62.00 M3 for five sets of
20	RHS 1st lift.	strength	317.14	Kg/Cm ²	290.00 kg/ciii	7.71	cubes.
	KH3 13t IIIt.	Average	302.79	Kg/Cm ²			
	Cement concrete cube of mix M-25 , cast on	28 th day	294.48	Kg/Cm ²			
29		compressive	303.55	Kg/Cm ²	290.00 Kg/cm ²	5.71	do
29	RHS 1st lift.	strength	321.67	Kg/Cm ²	290.00 Ng/CIII	5.71	do
	KHS ISUIII.	Average	306.57	Kg/Cm ²			

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RES	ULTS	Max./Min.Value permissable	% above or below	REMARK
	Cement concrete cube of mix M-25, cast on	28 th day	283.16	Kg/Cm ²			
20		compressive	308.08	Kg/Cm ²	200 00 Kg/am²	4.41	Oty represents - 62.00 M3 for five sets of
30	13/05/2022. For Piles no. 2,6,11,16,20 Bandhara RHS 1st lift.	strength	317.14	Kg/Cm ²	290.00 Kg/cm ²	4.41	cubes.
	KIIS ISUIIU.	Average	302.79	Kg/Cm ²			
	Cement concrete cube of mix M-25 , cast on	28 th day	314.87	Kg/Cm ²			
21	13/05/2022. For Piles no. 2,6,11,16,20 Bandhara	compressive	289.95	Kg/Cm ²	290.00 Kg/cm ²	3.11	do
31	RHS 1st lift.	strength	292.22	Kg/Cm ²	290.00 kg/cm	3.11	uo
	KIIS ISUIIU.	Average	299.01	Kg/Cm ²			
	Cement concrete cube of mix M-25, cast on	28 th day	323.93	Kg/Cm ²			
22	13/05/2022. For Piles no. 2,6,11,16,20 Bandhara	compressive	292.22	Kg/Cm ²	200 00 Kg/am²	4.67	do
32	RHS 1st lift.	strength	294.48	Kg/Cm ²	290.00 Kg/cm ²	4.07	do
	KHS ISUIIU.	Average	303.55	Kg/Cm ²			
	Cement concrete cube of mix M-25 , cast on 14/05/2022. For Fire station main building fd.	28 th day	303.55	Kg/Cm ²	200 00 Kg/am ²		Oty represents - 71.00 M3 for five sets of
33		compressive	305.81	Kg/Cm ²		2.33	
33		strength	280.89	Kg/Cm ²	290.00 Kg/cm ²	2.33	cubes.
		Average	296.75	Kg/Cm ²			
		28 th day	278.63	Kg/Cm ²	290.00 Kg/cm ²		do
34	Cement concrete cube of mix M-25 , cast on 14/05/2022. For Fire station main building fd.	compressive	303.55	Kg/Cm ²		2.59	
34		strength	310.34	Kg/Cm ²		2.59	
		Average	297.50	Kq/Cm ²			
		28 th day	287.69	Kg/Cm ²			
35	Cement concrete cube of mix M-25, cast on	compressive	310.34	Kg/Cm ²	200 00 1/2 /2 2	5.71	do
აა	14/05/2022. For Fire station main building fd.	strength	321.67	Kg/Cm ²	290.00 Kg/cm ²	3.71	do
	_	Average	306.57	Kg/Cm ²			
		28 th day	317.14	Kg/Cm ²			
36	Cement concrete cube of mix M-25, cast on	compressive	308.08	Kg/Cm ²	200 00 1/- /2	4 1 5	do
30	14/05/2022. For Fire station main building fd.	strength	280.89	Kg/Cm ²	290.00 Kg/cm ²	4.15	00
		Average	302.03	Kg/Cm ²			
		28 th day	289.95	Kg/Cm ²			
37	Cement concrete cube of mix M-25, cast on	compressive	301.28	Kg/Cm ²	200.00 // 2	())	do
3/	14/05/2022. For Fire station main building fd.	strength	332.99	Kg/Cm ²	290.00 Kg/cm ²	6.23	
		Average	308.08	Kg/Cm ²	1		

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RES	ULTS	Max./Min.Value permissable	% above or below	REMARK
	Cement concrete cube of mix M-25, cast on	28 th day	317.14	Kg/Cm ²			
20	15/05/2022. For Piles 3,7,12,17,21 Bandhara RHS	compressive	289.95	Kg/Cm ²	20000011 1 2	2.07	Oty represents - 80.00 M3 for five sets of
38		strength	280.89	Kg/Cm ²	290.00 Kg/cm ²	2.07	cubes.
	2 nd lift fire station main building 1 st lift.	Average	295.99	Kg/Cm ²			
	Cement concrete cube of mix M-25, cast on	28 th day	285.42	Kg/Cm ²			
39	15/05/2022. For Piles 3,7,12,17,21 Bandhara RHS	compressive	303.55	Kg/Cm ²	290.00 Kg/cm ²	1.81	do
37	2 nd lift fire station main building 1 st lift.	strength	296.75	Kg/Cm ²	290.00 kg/ciii	1.01	uo
		Average	295.24	Kg/Cm ²			
	Cement concrete cube of mix M-25, cast on	28 th day	289.95	Kg/Cm ²			
40		compressive	314.87	Kg/Cm ²	290.00 Kg/cm ²	6.23	do
40	2 nd lift fire station main building 1 st lift.	strength	319.40	Kg/Cm ²	290.00 kg/ciii	0.23	do
		Average	308.08	Kg/Cm ²			
	Cement concrete cube of mix M-25 , cast on 15/05/2022. For Piles 3,7,12,17,21 Bandhara RHS 2 nd lift fire station main building 1 st lift.	28 th day	303.55	Kg/Cm ²		4.93	do
<i>4</i> 1		compressive	317.14	Kg/Cm ²	290.00 Kg/cm ²		
71		strength	292.22	Kg/Cm ²		4.75	
		Average	304.30	Kg/Cm ²			
	Cement concrete cube of mix M-25 , cast on 15/05/2022. For Piles 3,7,12,17,21 Bandhara RHS 2 nd lift fire station main building 1 st lift.	28 th day	305.81	Kg/Cm ²	290.00 Kg/cm ²		do
42		compressive	310.34	Kg/Cm ²		8.06	
12		strength	323.93	Kg/Cm ²		0.00	
		Average	313.36	Kg/Cm ²			
	Cement concrete cube of mix M-25, cast on	28 th day	294.48	Kg/Cm ²	<u> </u>		
13	16/05/2022. For fire station main building barrack	compressive	305.81	Kg/Cm ²	290.00 Kg/cm ²	3.37	Oty represents - 73.00 M3 for five sets of
73	fd.	strength	299.01	Kg/Cm ²	290.00 kg/ciii	3.37	cubes.
	ita.	Average	299.77	Kg/Cm ²			
	Cement concrete cube of mix M-25 , cast on	28 th day	305.81	Kg/Cm ²			
44	16/05/2022. For fire station main building barrack	compressive	280.89	Kg/Cm ²	290.00 Kg/cm ²	2.33	do
44		strength	303.55	Kg/Cm ²	290.00 kg/cm	2.33	do
	fd.	Average	296.75	Kg/Cm ²			
	Company concrete cube of mix NA 25 aget on	28 th day	308.08	Kg/Cm ²			
4 -	Cement concrete cube of mix M-25 , cast on	compressive	317.14	Kg/Cm ²	200 00 1/ / 2	9.10	
45	5	strength	323.93	Kg/Cm ²	290.00 Kg/cm ²		do
	fd.	Average	316.38	Kg/Cm ²			

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or	REMARK
140.		28 th day	317.14	Kg/Cm ²	permissable	1000011	
	Cement concrete cube of mix M-25 , cast on	compressive	289.95	Kg/Cm ²	0		Oty represents - 73.00 M3 for five sets of
	16/05/2022. For fire station main building barrack	strength	280.89	Kg/Cm ²	290.00 Kg/cm ²	2.07	cubes.
	fd.	Average	295.99	Kg/Cm ²			00.000
	Compared control on the of main NA OF cost on	28 th day	280.89	Kg/Cm ²			
47	Cement concrete cube of mix M-25 , cast on	compressive	292.22	Kg/Cm ²	200.00 1/2	2.05	.1-
	16/05/2022. For fire station main building barrack	strength	321.67	Kg/Cm ²	290.00 Kg/cm ²	2.85	do
	fd.	Average	298.26	Kg/Cm ²			
	Cement concrete cube of mix M-25, cast on	28 th day	305.81	Kg/Cm ²			
40	17/05/2022. For Piles 4,8,13,18,22 fire station	compressive	314.87	Kg/Cm ²	200.00 1/ /2	2.00	Qty represents - 77.00 M3 for five sets of cubes.
48	main building 1 st lift.	strength	283.16	Kg/Cm ²	290.00 Kg/cm ²	3.89	
		Average	301.28	Kg/Cm ²			
	Cement concrete cube of mix M-25 , cast on 17/05/2022. For Piles 4,8,13,18,22 fire station main building 1 st lift.	28 th day	317.14	Kg/Cm ²			
40		compressive	305.81	Kg/Cm ²	200 00 1/ / 2	Г 10	do
49		strength	292.22	Kg/Cm ²	290.00 Kg/cm ²	5.19	00
		Average	305.06	Kg/Cm ²			
	Cement concrete cube of mix M-25, cast on	28 th day	294.48	Kg/Cm ²		5.19	do
E0	17/05/2022. For Piles 4,8,13,18,22 fire station	compressive	303.55	Kg/Cm ²	290.00 Kg/cm ²		
30	main building 1 st lift.	strength	317.14	Kg/Cm ²	290.00 Kg/cm	5.19	00
		Average	305.06	Kg/Cm ²			
	Cement concrete cube of mix M-25, cast on	28 th day	308.08	Kg/Cm ²			
51	17/05/2022. For Piles 4,8,13,18,22 fire station	compressive	283.16	Kg/Cm ²	290.00 Kg/cm ²	3.11	do
31		strength	305.81	Kg/Cm ²	290.00 kg/cm	3.11	
	main building 1 st lift.	Average	299.01	Kg/Cm ²			
	Cement concrete cube of mix M-25, cast on	28 th day	289.95	Ka/Cm ²			
52	17/05/2022. For Piles 4,8,13,18,22 fire station main building 1 st lift.	compressive	310.34	Ka/Cm ²	290.00 Kg/cm ²	6.23	do
52		strength	323.93	Kg/Cm ²	270.00 Ng/0111		
		Average	308.08	Ka/Cm ²			

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK					
	Cement concrete cube of mix M-25, cast on	28 th day	317.14	Kg/Cm ²								
53	18/05/2022. For Bandhara RHS 3 rd lift fire station	compressive	321.67	Kg/Cm ²	290.00 Kg/cm ²	8.84	Qty represents - 68.00 M3 for five sets of					
55		strength	308.08	Ka/Cm ²	290.00 kg/till	0.04	cubes.					
	barrack 1 st lift.	Average	315.63	Kg/Cm ²								
	Cement concrete cube of mix M-25, cast on	28 th day	310.34	Kg/Cm ²								
54	18/05/2022. For Bandhara RHS 3 rd lift fire station	compressive	323.93	Ka/Cm ²	290.00 Kg/cm ²	9.36	do					
54	barrack 1 st lift.	strength	317.14	Ka/Cm ²	290.00 Kg/CIII	7.30	do					
	Darrack I IIII.	Average	317.14	Kg/Cm ²								
	Cement concrete cube of mix M-25, cast on	28 th day	317.14	Ka/Cm ²								
55	18/05/2022. For Bandhara RHS 3 rd lift fire station	compressive	289.95	Ka/Cm ²	290.00 Kg/cm ²	3.89	do					
33		strength	296.75	Kg/Cm ²	290.00 kg/ciii	3.07						
	barrack 1 st lift.	Average	301.28	Ka/Cm ²								
	Cement concrete cube of mix M-25 , cast on 18/05/2022. For Bandhara RHS 3 rd lift fire station barrack 1 st lift.	28 th day	294.48	Ka/Cm ²	290.00 Kg/cm ²		do					
56		compressive	314.87	Kg/Cm ²		1.81						
		strength	276.36	Kg/Cm ²								
		Average	295.24	Ka/Cm ²								
	Cement concrete cube of mix M-25, cast on	28 th day	292.22	Kg/Cm ²		4.67	do					
57	18/05/2022. For Bandhara RHS 3 rd lift fire station	compressive	305.81	Kg/Cm ²	290.00 Kg/cm ²							
0,	barrack 1 st lift.	strength	312.61	Ka/Cm ²	270.00 kg/cm	1.07	do					
	Darrack i IIII.	Average	303.55	Kg/Cm ²								
	Cement concrete cube of mix M-25 , cast on	28 th day	317.14	Kg/Cm ²								
58	19/05/2022. For Piles 9,14,23,24,25 Bandhara	compressive	296.75	Kg/Cm ²	200.001/ / 2	F 07	Oty represents - 48.00 M3 for four sets of					
58		strength	308.08	Kg/Cm ²	290.00 Kg/cm ²	5.97	cubes.					
	RHS 4 th lift fire station main building 2 nd lift.	Average	307.32	Kg/Cm ²			33.3 33.					
	Coment concrete cube of min M. 25 and an	28 th day	317.14	Kg/Cm ²								
	Cement concrete cube of mix M-25 , cast on	compressive	285.42	Kg/Cm ²	_	2.85	do					
59	19/05/2022. For Piles 9,14,23,24,25 Bandhara	strength	292.22	Kg/Cm ²	290.00 Kg/cm ²							
	RHS 4 th lift fire station main building 2 nd lift.	Average	298.26	Kg/Cm ²								

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SR NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
60		28 th day compressive strength	328.46 294.48 289.95	Kg/Cm ² Kg/Cm ² Kg/Cm ²	290.00 Kg/cm ²	m ² 4.93	Oty represents - 48.00 M3 for four sets of cubes.
	RHS 4 th lift fire station main building 2 nd lift.	Average	304.30	Kg/Cm ²			
	Cement concrete cube of mix M-25 , cast on	28 th day	305.81	Kg/Cm ²		3.37	do
61	19/05/2022. For Piles 9,14,23,24,25 Bandhara	compressive	283.16	Kg/Cm ²	200.00 Kg/am²		
	RHS 4 th lift fire station main building 2 nd lift.	strength	310.34	Kg/Cm ²	290.00 Kg/cm ²		
		Average	299.77	Kg/Cm ²			

Copy to: 1. The Assistant Engineer , SD IV , WDI, WRD, Porvorim - Goa.

- 2. Copy submitted to The Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa for kind Information.
- 3. Copy submitted to The Executive Engineer , WDI ,WRD, Porvorim Goa.
- 4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer