

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 4179 to 4185,4198 to 4204,4216 to 4222,4236 to 4242,/ Lab /70/ 2022 - 23 Dated:- 16/ 05 /2022. Laboratory : Bicholim - Goa.  
4258 to 4264,4285 to 4291,4310 to 4316,4337 to 4343,4352 to 4358,4375 to 4381,4402 to 4408 Sub Division V (QC)/WRD/ Bicholim- Goa.

**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.38/2022-23/65 Dt.:- 27/ 04/ 2022

Qty. Recived. : 77 Sets of cube Date of Receipt:- 30/04/ 2022. Tested on: -01,02,03,04,05,06,07,08,09,10 & 11/05/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **M-25** O.S No. :0487 to 0493/R.K , 8455 to 8461/SS, 0504 to 0510,0524 to 0530,0546 to 0552,0574 to 0580,0599 to 0605,0626 to 0632,0641 to 0647,0664 to 0670,0691 to 0697/R.K Lab. Sample No.: 4108 to 4184 Tested By: Mrs. R.R.Kadam A.E. & Mrs. S.B. Naik Shirodkar. J.E.

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min. Value permissible	% above or below	REMARK
1	Cement concrete cube of mix <b>M-25</b> , cast on 03/04/2022. For Foundation & Plinth Alcon 4th lift/Tonca Bridge 2nd lift/Kamat side 3rd lift.	28 <sup>th</sup> day compressive strength	299.01	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	1.81	Qty represents - 121.00 Cum for seven sets of cubes.
			292.22	Kg/Cm <sup>2</sup>			
			294.48	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>295.24</b>			
2	Cement concrete cube of mix <b>M-25</b> , cast on 03/04/2022. For Foundation & Plinth Alcon 4th lift/Tonca Bridge 2nd lift/Kamat side 3rd lift.	28 <sup>th</sup> day compressive strength	292.22	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	2.59	----- do -----
			296.75	Kg/Cm <sup>2</sup>			
			303.55	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>297.50</b>			
3	Cement concrete cube of mix <b>M-25</b> , cast on 03/04/2022. For Foundation & Plinth Alcon 4th lift/Tonca Bridge 2nd lift/Kamat side 3rd lift.	28 <sup>th</sup> day compressive strength	294.48	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.41	----- do -----
			308.08	Kg/Cm <sup>2</sup>			
			305.81	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>302.79</b>			
4	Cement concrete cube of mix <b>M-25</b> , cast on 03/04/2022. For Foundation & Plinth Alcon 4th lift/Tonca Bridge 2nd lift/Kamat side 3rd lift.	28 <sup>th</sup> day compressive strength	299.01	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.45	----- do -----
			305.81	Kg/Cm <sup>2</sup>			
			312.61	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>305.81</b>			
5	Cement concrete cube of mix <b>M-25</b> , cast on 03/04/2022. For Foundation & Plinth Alcon 4th lift/Tonca Bridge 2nd lift/Kamat side 3rd lift.	28 <sup>th</sup> day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.71	----- do -----
			294.48	Kg/Cm <sup>2</sup>			
			314.87	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>306.57</b>			

Junior Engineer

Assistant Engineer

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min. Value permissible	% above or below	REMARK
6	Cement concrete cube of mix <b>M-25</b> , cast on 03/04/2022. For Foundation & Plinth Alcon 4th lift/Tonca Bridge 2nd lift/Kamat side 3rd lift.	28 <sup>th</sup> day compressive strength	301.28	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.63	Qty represents - 121.00 Cum for seven sets of cubes.
			296.75	Kg/Cm <sup>2</sup>			
			303.55	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>300.52</b>	<b>Kg/Cm<sup>2</sup></b>			
7	Cement concrete cube of mix <b>M-25</b> , cast on 03/04/2022. For Foundation & Plinth Alcon 4th lift/Tonca Bridge 2nd lift/Kamat side 3rd lift.	28 <sup>th</sup> day compressive strength	303.55	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.15	----- do -----
			292.22	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>302.03</b>	<b>Kg/Cm<sup>2</sup></b>			
8	Cement concrete cube of mix <b>M-25</b> , cast on 04/04/2022. For Foundation & Plinth sewage wall fd.	28 <sup>th</sup> day compressive strength	294.48	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.41	Qty represents - 109.00 Cum for seven sets of cubes.
			305.81	Kg/Cm <sup>2</sup>			
			308.08	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>302.79</b>	<b>Kg/Cm<sup>2</sup></b>			
9	Cement concrete cube of mix <b>M-25</b> , cast on 04/04/2022. For Foundation & Plinth sewage wall fd.	28 <sup>th</sup> day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.67	----- do -----
			296.75	Kg/Cm <sup>2</sup>			
			308.08	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>303.55</b>	<b>Kg/Cm<sup>2</sup></b>			
10	Cement concrete cube of mix <b>M-25</b> , cast on 04/04/2022. For Foundation & Plinth sewage wall fd.	28 <sup>th</sup> day compressive strength	314.87	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.19	----- do -----
			292.22	Kg/Cm <sup>2</sup>			
			308.08	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>305.06</b>	<b>Kg/Cm<sup>2</sup></b>			
11	Cement concrete cube of mix <b>M-25</b> , cast on 04/04/2022. For Foundation & Plinth sewage wall fd.	28 <sup>th</sup> day compressive strength	292.22	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.67	----- do -----
			305.81	Kg/Cm <sup>2</sup>			
			312.61	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>303.55</b>	<b>Kg/Cm<sup>2</sup></b>			
12	Cement concrete cube of mix <b>M-25</b> , cast on 04/04/2022. For Foundation & Plinth sewage wall fd.	28 <sup>th</sup> day compressive strength	317.14	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	7.80	----- do -----
			314.87	Kg/Cm <sup>2</sup>			
			305.81	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>312.61</b>	<b>Kg/Cm<sup>2</sup></b>			

Junior Engineer

Assistant Engineer

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Valu e permissable	% above or below	REMARK
13	Cement concrete cube of mix <b>M-25</b> , cast on 04/04/2022. For Foundation & Plinth sewage wall fd.	28 <sup>th</sup> day compressive strength	319.40	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	9.36	Qty represents - 109.00 Cum for seven sets of cubes.
			321.67	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>317.14</b>	<b>Kg/Cm<sup>2</sup></b>			
14	Cement concrete cube of mix <b>M-25</b> , cast on 04/04/2022. For Foundation & Plinth sewage wall fd.	28 <sup>th</sup> day compressive strength	294.48	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	6.23	----- do -----
			310.34	Kg/Cm <sup>2</sup>			
			319.40	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>308.08</b>	<b>Kg/Cm<sup>2</sup></b>			
15	Cement concrete cube of mix <b>M-25</b> , cast on 05/04/2022. For Foundation & Plinth sewage wall fd.	28 <sup>th</sup> day compressive strength	314.87	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.71	Qty represents - 111.00 Cum for seven sets of cubes.
			296.75	Kg/Cm <sup>2</sup>			
			308.08	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>306.57</b>	<b>Kg/Cm<sup>2</sup></b>			
16	Cement concrete cube of mix <b>M-25</b> , cast on 05/04/2022. For Foundation & Plinth sewage wall fd.	28 <sup>th</sup> day compressive strength	319.40	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.58	----- do -----
			310.34	Kg/Cm <sup>2</sup>			
			314.87	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>314.87</b>	<b>Kg/Cm<sup>2</sup></b>			
17	Cement concrete cube of mix <b>M-25</b> , cast on 05/04/2022. For Foundation & Plinth sewage wall fd.	28 <sup>th</sup> day compressive strength	323.93	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	9.62	----- do -----
			319.40	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>317.89</b>	<b>Kg/Cm<sup>2</sup></b>			
18	Cement concrete cube of mix <b>M-25</b> , cast on 05/04/2022. For Foundation & Plinth sewage wall fd.	28 <sup>th</sup> day compressive strength	314.87	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	1.81	----- do -----
			271.83	Kg/Cm <sup>2</sup>			
			299.01	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>295.24</b>	<b>Kg/Cm<sup>2</sup></b>			
19	Cement concrete cube of mix <b>M-25</b> , cast on 05/04/2022. For Foundation & Plinth sewage wall fd.	28 <sup>th</sup> day compressive strength	301.28	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.97	----- do -----
			305.81	Kg/Cm <sup>2</sup>			
			314.87	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>307.32</b>	<b>Kg/Cm<sup>2</sup></b>			
20	Cement concrete cube of mix <b>M-25</b> , cast on 05/04/2022. For Foundation & Plinth sewage wall fd.	28 <sup>th</sup> day compressive strength	292.22	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.37	----- do -----
			299.01	Kg/Cm <sup>2</sup>			
			308.08	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>299.77</b>	<b>Kg/Cm<sup>2</sup></b>			

Junior Engineer

Assistant Engineer

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min. Value permissible	% above or below	REMARK
21	Cement concrete cube of mix <b>M-25</b> , cast on 05/04/2022. For Foundation & Plinth sewage wall fd.	28 <sup>th</sup> day compressive strength	312.61	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	10.14	Qty represents - 111.00 Cum for seven sets of cubes.
			319.40	Kg/Cm <sup>2</sup>			
			326.20	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>319.40</b>	<b>Kg/Cm<sup>2</sup></b>			
22	Cement concrete cube of mix <b>M-25</b> , cast on 06/04/2022. For Foundation & Plinth sewage wall fd.	28 <sup>th</sup> day compressive strength	323.93	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	9.10	Qty represents - 109.00 Cum for seven sets of cubes.
			317.14	Kg/Cm <sup>2</sup>			
			308.08	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>316.38</b>	<b>Kg/Cm<sup>2</sup></b>			
23	Cement concrete cube of mix <b>M-25</b> , cast on 06/04/2022. For Foundation & Plinth sewage wall fd.	28 <sup>th</sup> day compressive strength	301.28	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.89	----- do -----
			292.22	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>301.28</b>	<b>Kg/Cm<sup>2</sup></b>			
24	Cement concrete cube of mix <b>M-25</b> , cast on 06/04/2022. For Foundation & Plinth sewage wall fd.	28 <sup>th</sup> day compressive strength	314.87	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.58	----- do -----
			319.40	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>314.87</b>	<b>Kg/Cm<sup>2</sup></b>			
25	Cement concrete cube of mix <b>M-25</b> , cast on 06/04/2022. For Foundation & Plinth sewage wall fd.	28 <sup>th</sup> day compressive strength	317.14	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.45	----- do -----
			292.22	Kg/Cm <sup>2</sup>			
			308.08	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>305.81</b>	<b>Kg/Cm<sup>2</sup></b>			
26	Cement concrete cube of mix <b>M-25</b> , cast on 06/04/2022. For Foundation & Plinth sewage wall fd.	28 <sup>th</sup> day compressive strength	321.67	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	13.26	----- do -----
			328.46	Kg/Cm <sup>2</sup>			
			335.26	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>328.46</b>	<b>Kg/Cm<sup>2</sup></b>			
27	Cement concrete cube of mix <b>M-25</b> , cast on 06/04/2022. For Foundation & Plinth sewage wall fd.	28 <sup>th</sup> day compressive strength	299.01	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	6.75	----- do -----
			319.40	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>309.59</b>	<b>Kg/Cm<sup>2</sup></b>			
28	Cement concrete cube of mix <b>M-25</b> , cast on 06/04/2022. For Foundation & Plinth sewage wall fd.	28 <sup>th</sup> day compressive strength	323.93	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	10.14	----- do -----
			314.87	Kg/Cm <sup>2</sup>			
			319.40	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>319.40</b>	<b>Kg/Cm<sup>2</sup></b>			
29	Cement concrete cube of mix <b>M-25</b> , cast on 07/04/2022. For Foundation & Plinth Peter bhat 2nd lift.	28 <sup>th</sup> day compressive strength	317.14	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	9.62	Qty represents - 104.00 Cum for seven sets of cubes.
			312.61	Kg/Cm <sup>2</sup>			
			323.93	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>317.89</b>	<b>Kg/Cm<sup>2</sup></b>			

Junior Engineer

Assistant Engineer

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min. Value permissible	% above or below	REMARK
30	Cement concrete cube of mix <b>M-25</b> , cast on 07/04/2022. For Foundation & Plinth Peter bhat 2nd lift.	28 <sup>th</sup> day compressive strength	312.61	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	10.14	Qty represents - 104.00 Cum for seven sets of cubes.
			330.73	Kg/Cm <sup>2</sup>			
			314.87	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>319.40</b>	<b>Kg/Cm<sup>2</sup></b>			
31	Cement concrete cube of mix <b>M-25</b> , cast on 07/04/2022. For Foundation & Plinth Peter bhat 2nd lift.	28 <sup>th</sup> day compressive strength	294.48	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.71	----- do -----
			317.14	Kg/Cm <sup>2</sup>			
			308.08	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>306.57</b>	<b>Kg/Cm<sup>2</sup></b>			
32	Cement concrete cube of mix <b>M-25</b> , cast on 07/04/2022. For Foundation & Plinth Peter bhat 2nd lift.	28 <sup>th</sup> day compressive strength	328.46	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	13.00	----- do -----
			321.67	Kg/Cm <sup>2</sup>			
			332.99	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>327.71</b>	<b>Kg/Cm<sup>2</sup></b>			
33	Cement concrete cube of mix <b>M-25</b> , cast on 07/04/2022. For Foundation & Plinth Peter bhat 2nd lift.	28 <sup>th</sup> day compressive strength	319.40	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.84	----- do -----
			310.34	Kg/Cm <sup>2</sup>			
			317.14	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>315.63</b>	<b>Kg/Cm<sup>2</sup></b>			
34	Cement concrete cube of mix <b>M-25</b> , cast on 07/04/2022. For Foundation & Plinth Peter bhat 2nd lift.	28 <sup>th</sup> day compressive strength	323.93	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	9.62	----- do -----
			312.61	Kg/Cm <sup>2</sup>			
			317.14	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>317.89</b>	<b>Kg/Cm<sup>2</sup></b>			
35	Cement concrete cube of mix <b>M-25</b> , cast on 07/04/2022. For Foundation & Plinth Peter bhat 2nd lift.	28 <sup>th</sup> day compressive strength	319.40	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	12.74	----- do -----
			323.93	Kg/Cm <sup>2</sup>			
			337.52	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>326.95</b>	<b>Kg/Cm<sup>2</sup></b>			
36	Cement concrete cube of mix <b>M-25</b> , cast on 08/04/2022. For Foundation & Plinth sewage wall 1st lift.	28 <sup>th</sup> day compressive strength	328.46	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	13.26	Qty represents - 103.00 Cum for seven sets of cubes.
			326.20	Kg/Cm <sup>2</sup>			
			330.73	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>328.46</b>	<b>Kg/Cm<sup>2</sup></b>			
37	Cement concrete cube of mix <b>M-25</b> , cast on 08/04/2022. For Foundation & Plinth sewage wall 1st lift.	28 <sup>th</sup> day compressive strength	335.26	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	15.09	----- do -----
			346.59	Kg/Cm <sup>2</sup>			
			319.40	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>333.75</b>	<b>Kg/Cm<sup>2</sup></b>			

Junior Engineer

Assistant Engineer

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min. Value permissible	% above or below	REMARK
38	Cement concrete cube of mix <b>M-25</b> , cast on 08/04/2022. For Foundation & Plinth sewage wall 1st lift.	28 <sup>th</sup> day compressive strength	330.73	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	11.96	Qty represents - 103.00 Cum for seven sets of cubes.
			323.93	Kg/Cm <sup>2</sup>			
			319.40	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>324.69</b>	<b>Kg/Cm<sup>2</sup></b>			
39	Cement concrete cube of mix <b>M-25</b> , cast on 08/04/2022. For Foundation & Plinth sewage wall 1st lift.	28 <sup>th</sup> day compressive strength	296.75	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	6.49	----- do -----
			317.14	Kg/Cm <sup>2</sup>			
			312.61	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>308.83</b>	<b>Kg/Cm<sup>2</sup></b>			
40	Cement concrete cube of mix <b>M-25</b> , cast on 08/04/2022. For Foundation & Plinth sewage wall 1st lift.	28 <sup>th</sup> day compressive strength	319.40	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	10.92	----- do -----
			323.93	Kg/Cm <sup>2</sup>			
			321.67	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>321.67</b>	<b>Kg/Cm<sup>2</sup></b>			
41	Cement concrete cube of mix <b>M-25</b> , cast on 08/04/2022. For Foundation & Plinth sewage wall 1st lift.	28 <sup>th</sup> day compressive strength	314.87	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	11.96	----- do -----
			326.20	Kg/Cm <sup>2</sup>			
			332.99	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>324.69</b>	<b>Kg/Cm<sup>2</sup></b>			
42	Cement concrete cube of mix <b>M-25</b> , cast on 08/04/2022. For Foundation & Plinth sewage wall 1st lift.	28 <sup>th</sup> day compressive strength	339.79	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	14.30	----- do -----
			330.73	Kg/Cm <sup>2</sup>			
			323.93	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>331.48</b>	<b>Kg/Cm<sup>2</sup></b>			
43	Cement concrete cube of mix <b>M-25</b> , cast on 09/04/2022. For Foundation & Plinth sewage wall 1st lift.	28 <sup>th</sup> day compressive strength	314.87	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	10.14	Qty represents - 101.00 Cum for seven sets of cubes.
			319.40	Kg/Cm <sup>2</sup>			
			323.93	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>319.40</b>	<b>Kg/Cm<sup>2</sup></b>			
44	Cement concrete cube of mix <b>M-25</b> , cast on 09/04/2022. For Foundation & Plinth sewage wall 1st lift.	28 <sup>th</sup> day compressive strength	337.52	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	14.56	----- do -----
			326.20	Kg/Cm <sup>2</sup>			
			332.99	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>332.24</b>	<b>Kg/Cm<sup>2</sup></b>			
45	Cement concrete cube of mix <b>M-25</b> , cast on 09/04/2022. For Foundation & Plinth sewage wall 1st lift.	28 <sup>th</sup> day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.06	----- do -----
			317.14	Kg/Cm <sup>2</sup>			
			312.61	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>313.36</b>	<b>Kg/Cm<sup>2</sup></b>			
46	Cement concrete cube of mix <b>M-25</b> , cast on 09/04/2022. For Foundation & Plinth sewage wall 1st lift.	28 <sup>th</sup> day compressive strength	328.46	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	14.30	----- do -----
			342.05	Kg/Cm <sup>2</sup>			
			323.93	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>331.48</b>	<b>Kg/Cm<sup>2</sup></b>			

Junior Engineer

Assistant Engineer

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min. Value permissible	% above or below	REMARK
47	Cement concrete cube of mix <b>M-25</b> , cast on 09/04/2022. For Foundation & Plinth sewage wall 1st lift.	28 <sup>th</sup> day compressive strength	326.20	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	9.88	Qty represents - 101.00 Cum for seven sets of cubes.
			312.61	Kg/Cm <sup>2</sup>			
			317.14	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>318.65</b>	<b>Kg/Cm<sup>2</sup></b>			
48	Cement concrete cube of mix <b>M-25</b> , cast on 09/04/2022. For Foundation & Plinth sewage wall 1st lift.	28 <sup>th</sup> day compressive strength	326.20	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	13.78	----- do -----
			335.26	Kg/Cm <sup>2</sup>			
			328.46	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>329.97</b>	<b>Kg/Cm<sup>2</sup></b>			
49	Cement concrete cube of mix <b>M-25</b> , cast on 09/04/2022. For Foundation & Plinth sewage wall 1st lift.	28 <sup>th</sup> day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	10.66	----- do -----
			323.93	Kg/Cm <sup>2</sup>			
			328.46	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>320.91</b>	<b>Kg/Cm<sup>2</sup></b>			
50	Cement concrete cube of mix <b>M-25</b> , cast on 10/04/2022. For Foundation & Plinth sewage wall 1st lift.	28 <sup>th</sup> day compressive strength	326.20	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	11.18	Qty represents - 102.00 Cum for seven sets of cubes.
			314.87	Kg/Cm <sup>2</sup>			
			326.20	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>322.42</b>	<b>Kg/Cm<sup>2</sup></b>			
51	Cement concrete cube of mix <b>M-25</b> , cast on 10/04/2022. For Foundation & Plinth sewage wall 1st lift.	28 <sup>th</sup> day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.84	----- do -----
			319.40	Kg/Cm <sup>2</sup>			
			317.14	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>315.63</b>	<b>Kg/Cm<sup>2</sup></b>			
52	Cement concrete cube of mix <b>M-25</b> , cast on 10/04/2022. For Foundation & Plinth sewage wall 1st lift.	28 <sup>th</sup> day compressive strength	344.32	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	16.65	----- do -----
			332.99	Kg/Cm <sup>2</sup>			
			337.52	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>338.28</b>	<b>Kg/Cm<sup>2</sup></b>			
53	Cement concrete cube of mix <b>M-25</b> , cast on 10/04/2022. For Foundation & Plinth sewage wall 1st lift.	28 <sup>th</sup> day compressive strength	332.99	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	15.09	----- do -----
			342.05	Kg/Cm <sup>2</sup>			
			326.20	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>333.75</b>	<b>Kg/Cm<sup>2</sup></b>			
54	Cement concrete cube of mix <b>M-25</b> , cast on 10/04/2022. For Foundation & Plinth sewage wall 1st lift.	28 <sup>th</sup> day compressive strength	319.40	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	12.74	----- do -----
			323.93	Kg/Cm <sup>2</sup>			
			337.52	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>326.95</b>	<b>Kg/Cm<sup>2</sup></b>			

Junior Engineer

Assistant Engineer

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min. Value permissible	% above or below	REMARK
55	Cement concrete cube of mix <b>M-25</b> , cast on 10/04/2022. For Foundation & Plinth sewage wall 1st lift.	28 <sup>th</sup> day compressive strength	328.46	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	11.70	Qty represents - 102.00 Cum for seven sets of cubes.
			319.40	Kg/Cm <sup>2</sup>			
			323.93	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>323.93</b>	<b>Kg/Cm<sup>2</sup></b>			
56	Cement concrete cube of mix <b>M-25</b> , cast on 10/04/2022. For Foundation & Plinth sewage wall 1st lift.	28 <sup>th</sup> day compressive strength	326.20	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	10.14	----- do -----
			317.14	Kg/Cm <sup>2</sup>			
			314.87	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>319.40</b>	<b>Kg/Cm<sup>2</sup></b>			
57	Cement concrete cube of mix <b>M-25</b> , cast on 11/04/2022. For Foundation & Plinth Peter bhat 3rd lift/sewage 2nd lift.	28 <sup>th</sup> day compressive strength	326.20	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	13.52	Qty represents - 117.00 Cum for seven sets of cubes.
			328.46	Kg/Cm <sup>2</sup>			
			332.99	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>329.22</b>	<b>Kg/Cm<sup>2</sup></b>			
58	Cement concrete cube of mix <b>M-25</b> , cast on 11/04/2022. For Foundation & Plinth Peter bhat 3rd lift/sewage 2nd lift.	28 <sup>th</sup> day compressive strength	328.46	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	15.35	----- do -----
			335.26	Kg/Cm <sup>2</sup>			
			339.79	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>334.50</b>	<b>Kg/Cm<sup>2</sup></b>			
59	Cement concrete cube of mix <b>M-25</b> , cast on 11/04/2022. For Foundation & Plinth Peter bhat 3rd lift/sewage 2nd lift.	28 <sup>th</sup> day compressive strength	328.46	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	16.13	----- do -----
			337.52	Kg/Cm <sup>2</sup>			
			344.32	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>336.77</b>	<b>Kg/Cm<sup>2</sup></b>			
60	Cement concrete cube of mix <b>M-25</b> , cast on 11/04/2022. For Foundation & Plinth Peter bhat 3rd lift/sewage 2nd lift.	28 <sup>th</sup> day compressive strength	330.73	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	13.00	----- do -----
			323.93	Kg/Cm <sup>2</sup>			
			328.46	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>327.71</b>	<b>Kg/Cm<sup>2</sup></b>			
61	Cement concrete cube of mix <b>M-25</b> , cast on 11/04/2022. For Foundation & Plinth Peter bhat 3rd lift/sewage 2nd lift.	28 <sup>th</sup> day compressive strength	335.26	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	15.87	----- do -----
			332.99	Kg/Cm <sup>2</sup>			
			339.79	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>336.01</b>	<b>Kg/Cm<sup>2</sup></b>			
62	Cement concrete cube of mix <b>M-25</b> , cast on 11/04/2022. For Foundation & Plinth Peter bhat 3rd lift/sewage 2nd lift.	28 <sup>th</sup> day compressive strength	332.99	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	11.18	----- do -----
			314.87	Kg/Cm <sup>2</sup>			
			319.40	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>322.42</b>	<b>Kg/Cm<sup>2</sup></b>			
63	Cement concrete cube of mix <b>M-25</b> , cast on 11/04/2022. For Foundation & Plinth Peter bhat 3rd lift/sewage 2nd lift.	28 <sup>th</sup> day compressive strength	326.20	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	10.66	----- do -----
			321.67	Kg/Cm <sup>2</sup>			
			314.87	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>320.91</b>	<b>Kg/Cm<sup>2</sup></b>			

Junior Engineer

Assistant Engineer



SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min. Value permissible	% above or below	REMARK
64	Cement concrete cube of mix <b>M-25</b> , cast on 12/04/2022. For Foundation & Plinth sewage 3rd lift/Peter Bhat 4th lift/U/s of Gaunekar.	28 <sup>th</sup> day compressive strength	308.08	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	9.62	Qty represents - 117.00 Cum for seven sets of cubes.
			326.20	Kg/Cm <sup>2</sup>			
			319.40	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>317.89</b>	<b>Kg/Cm<sup>2</sup></b>			
65	Cement concrete cube of mix <b>M-25</b> , cast on 12/04/2022. For Foundation & Plinth sewage 3rd lift/Peter Bhat 4th lift/U/s of Gaunekar.	28 <sup>th</sup> day compressive strength	321.67	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	6.49	----- do -----
			296.75	Kg/Cm <sup>2</sup>			
			308.08	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>308.83</b>	<b>Kg/Cm<sup>2</sup></b>			
66	Cement concrete cube of mix <b>M-25</b> , cast on 12/04/2022. For Foundation & Plinth sewage 3rd lift/Peter Bhat 4th lift/U/s of Gaunekar.	28 <sup>th</sup> day compressive strength	312.61	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	10.66	----- do -----
			323.93	Kg/Cm <sup>2</sup>			
			326.20	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>320.91</b>	<b>Kg/Cm<sup>2</sup></b>			
67	Cement concrete cube of mix <b>M-25</b> , cast on 12/04/2022. For Foundation & Plinth sewage 3rd lift/Peter Bhat 4th lift/U/s of Gaunekar.	28 <sup>th</sup> day compressive strength	332.99	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	13.78	----- do -----
			339.79	Kg/Cm <sup>2</sup>			
			317.14	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>329.97</b>	<b>Kg/Cm<sup>2</sup></b>			
68	Cement concrete cube of mix <b>M-25</b> , cast on 12/04/2022. For Foundation & Plinth sewage 3rd lift/Peter Bhat 4th lift/U/s of Gaunekar.	28 <sup>th</sup> day compressive strength	337.52	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	14.30	----- do -----
			326.20	Kg/Cm <sup>2</sup>			
			330.73	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>331.48</b>	<b>Kg/Cm<sup>2</sup></b>			
69	Cement concrete cube of mix <b>M-25</b> , cast on 12/04/2022. For Foundation & Plinth sewage 3rd lift/Peter Bhat 4th lift/U/s of Gaunekar.	28 <sup>th</sup> day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	9.62	----- do -----
			319.40	Kg/Cm <sup>2</sup>			
			323.93	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>317.89</b>	<b>Kg/Cm<sup>2</sup></b>			
70	Cement concrete cube of mix <b>M-25</b> , cast on 12/04/2022. For Foundation & Plinth sewage 3rd lift/Peter Bhat 4th lift/U/s of Gaunekar.	28 <sup>th</sup> day compressive strength	339.79	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	14.04	----- do -----
			332.99	Kg/Cm <sup>2</sup>			
			319.40	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>330.73</b>	<b>Kg/Cm<sup>2</sup></b>			
71	Cement concrete cube of mix <b>M-25</b> , cast on 13/04/2022. For Foundation & Plinth Gaunekar Bridge fd.	28 <sup>th</sup> day compressive strength	326.20	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	11.18	Qty represents - 113.00 Cum for seven sets of cubes.
			317.14	Kg/Cm <sup>2</sup>			
			323.93	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>322.42</b>	<b>Kg/Cm<sup>2</sup></b>			

Junior Engineer

Assistant Engineer

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min. Value permissible	% above or below	REMARK
72	Cement concrete cube of mix <b>M-25</b> , cast on 13/04/2022. For Foundation & Plinth Gaunekar Bridge fd.	28 <sup>th</sup> day compressive strength	328.46	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	10.66	Qty represents - 113.00 Cum for seven sets of cubes.
			314.87	Kg/Cm <sup>2</sup>			
			319.40	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>320.91</b>	<b>Kg/Cm<sup>2</sup></b>			
73	Cement concrete cube of mix <b>M-25</b> , cast on 13/04/2022. For Foundation & Plinth Gaunekar Bridge fd.	28 <sup>th</sup> day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.32	----- do -----
			317.14	Kg/Cm <sup>2</sup>			
			314.87	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>314.12</b>	<b>Kg/Cm<sup>2</sup></b>			
74	Cement concrete cube of mix <b>M-25</b> , cast on 13/04/2022. For Foundation & Plinth Gaunekar Bridge fd.	28 <sup>th</sup> day compressive strength	323.93	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	14.04	----- do -----
			335.26	Kg/Cm <sup>2</sup>			
			332.99	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>330.73</b>	<b>Kg/Cm<sup>2</sup></b>			
75	Cement concrete cube of mix <b>M-25</b> , cast on 13/04/2022. For Foundation & Plinth Gaunekar Bridge fd.	28 <sup>th</sup> day compressive strength	308.08	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	10.14	----- do -----
			321.67	Kg/Cm <sup>2</sup>			
			328.46	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>319.40</b>	<b>Kg/Cm<sup>2</sup></b>			
76	Cement concrete cube of mix <b>M-25</b> , cast on 13/04/2022. For Foundation & Plinth Gaunekar Bridge fd.	28 <sup>th</sup> day compressive strength	332.99	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	13.52	----- do -----
			319.40	Kg/Cm <sup>2</sup>			
			335.26	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>329.22</b>	<b>Kg/Cm<sup>2</sup></b>			
77	Cement concrete cube of mix <b>M-25</b> , cast on 13/04/2022. For Foundation & Plinth Gaunekar Bridge fd.	28 <sup>th</sup> day compressive strength	337.52	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	15.09	----- do -----
			339.79	Kg/Cm <sup>2</sup>			
			323.93	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>333.75</b>	<b>Kg/Cm<sup>2</sup></b>			

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 , WD I ,WRD, Porvorim- Goa.

4. QC Lab File.      5. Bill File.

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