

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 4042 to 4048,4059 to 4065,4069 to 4075,/ Lab / **60** / 2022 - 23 Dated:- 02/05/2022. Laboratory : Bicholim - Goa.  
4088 to 4094,4107 to 4113,4120 to 4126,4147 to 4160,4169 to 4175. Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of work : Rejuvenation of St. Inez nallah - Improvement to Hydrodynamic, Water Quality And Stabilization of banks a project under Smart City Mission.**

Ref. to Requisition No.: SDIV/WDI/WRD/F.38/22-23/31 Dt.:- 12/ 04/ 2022

Qty. Recived. : 63 Sets of cube Date of Receipt:- 22/ 04 / 2022. Tested on: 22,23,24,25,26,27,28,29 & 30/04/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **M-25** O.S No. :8300 to 8306,8318 to 8324,8331 to 8337,8350 to 8356,8370 to 8376,8386 to 8392,8420 to 8433/SS , 0477 to 0482,0494/R.K Lab. Sample No.: 3974 to 4036 Tested By: Mrs. R. R. Kadam A.E. & Mrs. S. B. Naik Shirodkar. J.E.

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SR. NO.	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 25/03/2022. For Foundation & Plinth Alcon sides/sewage fd.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	6.23	Qty represents - 122.00 M3 for seven sets of cubes.
			308.08	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>308.08</b>			
2	Cement concrete cube of mix <b>M-25</b> , cast on 25/03/2022. For Foundation & Plinth Alcon sides/sewage fd.	28 th day compressive strength	317.14	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.45	----- do -----
			294.48	Kg/Cm <sup>2</sup>			
			305.81	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>305.81</b>			
3	Cement concrete cube of mix <b>M-25</b> , cast on 25/03/2022. For Foundation & Plinth Alcon sides/sewage fd.	28 th day compressive strength	294.48	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.41	----- do -----
			310.34	Kg/Cm <sup>2</sup>			
			303.55	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>302.79</b>			
4	Cement concrete cube of mix <b>M-25</b> , cast on 25/03/2022. For Foundation & Plinth Alcon sides/sewage fd.	28 th day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.06	----- do -----
			312.61	Kg/Cm <sup>2</sup>			
			317.14	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>313.36</b>			
5	Cement concrete cube of mix <b>M-25</b> , cast on 25/03/2022. For Foundation & Plinth Alcon sides/sewage fd.	28 th day compressive strength	294.48	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	2.33	----- do -----
			292.22	Kg/Cm <sup>2</sup>			
			303.55	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>296.75</b>			
6	Cement concrete cube of mix <b>M-25</b> , cast on 25/03/2022. For Foundation & Plinth Alcon sides/sewage fd.	28 th day compressive strength	296.75	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.45	----- do -----
			305.81	Kg/Cm <sup>2</sup>			
			314.87	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>305.81</b>			

Junior Engineer

Assistant Engineer

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
7	Cement concrete cube of mix <b>M-25</b> , cast on 25/03/2022. For Foundation & Plinth Alcon sides/sewage fd.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	7.80	Qty represents - 122.00 M3 for seven sets of cubes.
			310.34	Kg/Cm <sup>2</sup>			
			321.67	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>312.61</b>	<b>Kg/Cm<sup>2</sup></b>			
8	Cement concrete cube of mix <b>M-25</b> , cast on 26/03/2022. For Foundation & Plinth Alcon sides/sewage1st lift.	28 th day compressive strength	314.87	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	9.88	Qty represents - 110.00 M3 for seven sets of cubes.
			319.40	Kg/Cm <sup>2</sup>			
			321.67	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>318.65</b>	<b>Kg/Cm<sup>2</sup></b>			
9	Cement concrete cube of mix <b>M-25</b> , cast on 26/03/2022. For Foundation & Plinth Alcon sides/sewage1st lift.	28 th day compressive strength	294.48	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.19	----- do -----
			314.87	Kg/Cm <sup>2</sup>			
			305.81	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>305.06</b>	<b>Kg/Cm<sup>2</sup></b>			
10	Cement concrete cube of mix <b>M-25</b> , cast on 26/03/2022. For Foundation & Plinth Alcon sides/sewage1st lift.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.67	----- do -----
			314.87	Kg/Cm <sup>2</sup>			
			289.95	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>303.55</b>	<b>Kg/Cm<sup>2</sup></b>			
11	Cement concrete cube of mix <b>M-25</b> , cast on 26/03/2022. For Foundation & Plinth Alcon sides/sewage1st lift.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	2.33	----- do -----
			292.22	Kg/Cm <sup>2</sup>			
			292.22	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>296.75</b>	<b>Kg/Cm<sup>2</sup></b>			
12	Cement concrete cube of mix <b>M-25</b> , cast on 26/03/2022. For Foundation & Plinth Alcon sides/sewage1st lift.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	6.75	----- do -----
			310.34	Kg/Cm <sup>2</sup>			
			312.61	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>309.59</b>	<b>Kg/Cm<sup>2</sup></b>			
13	Cement concrete cube of mix <b>M-25</b> , cast on 26/03/2022. For Foundation & Plinth Alcon sides/sewage1st lift.	28 th day compressive strength	321.67	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	9.10	----- do -----
			317.14	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>316.38</b>	<b>Kg/Cm<sup>2</sup></b>			
14	Cement concrete cube of mix <b>M-25</b> , cast on 26/03/2022. For Foundation & Plinth Alcon sides/sewage1st lift.	28 th day compressive strength	299.01	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.11	----- do -----
			292.22	Kg/Cm <sup>2</sup>			
			305.81	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>299.01</b>	<b>Kg/Cm<sup>2</sup></b>			
15	Cement concrete cube of mix <b>M-25</b> , cast on 27/03/2022. For Foundation & Plinth Alcon sides/sewage 2nd lift.	28 th day compressive strength	296.75	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.71	Qty represents - 105.00 M3 for seven sets of cubes.
			310.34	Kg/Cm <sup>2</sup>			
			312.61	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>306.57</b>	<b>Kg/Cm<sup>2</sup></b>			

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
16	Cement concrete cube of mix <b>M-25</b> , cast on 27/03/2022. For Foundation & Plinth Alcon sides/sewage 2nd lift.	28 th day compressive strength	303.55	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.45	Qty represents - 105.00 M3 for seven sets of cubes.
			305.81	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>			
17	Cement concrete cube of mix <b>M-25</b> , cast on 27/03/2022. For Foundation & Plinth Alcon sides/sewage 2nd lift.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	7.01	----- do -----
			310.34	Kg/Cm <sup>2</sup>			
			314.87	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>310.34</b>	<b>Kg/Cm<sup>2</sup></b>			
18	Cement concrete cube of mix <b>M-25</b> , cast on 27/03/2022. For Foundation & Plinth Alcon sides/sewage 2nd lift.	28 th day compressive strength	317.14	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.06	----- do -----
			312.61	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>313.36</b>	<b>Kg/Cm<sup>2</sup></b>			
19	Cement concrete cube of mix <b>M-25</b> , cast on 27/03/2022. For Foundation & Plinth Alcon sides/sewage 2nd lift.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	6.23	----- do -----
			308.08	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>308.08</b>	<b>Kg/Cm<sup>2</sup></b>			
20	Cement concrete cube of mix <b>M-25</b> , cast on 27/03/2022. For Foundation & Plinth Alcon sides/sewage 2nd lift.	28 th day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	6.75	----- do -----
			312.61	Kg/Cm <sup>2</sup>			
			305.81	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>309.59</b>	<b>Kg/Cm<sup>2</sup></b>			
21	Cement concrete cube of mix <b>M-25</b> , cast on 27/03/2022. For Foundation & Plinth Alcon sides/sewage 2nd lift.	28 th day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.11	----- do -----
			294.48	Kg/Cm <sup>2</sup>			
			292.22	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>299.01</b>	<b>Kg/Cm<sup>2</sup></b>			
22	Cement concrete cube of mix <b>M-25</b> , cast on 28/03/2022. For Foundation & Plinth Tonca Bridge fd/Kamat side fd.	28 th day compressive strength	283.16	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	1.29	Qty represents - 112.00 M3 for seven sets of cubes.
			305.81	Kg/Cm <sup>2</sup>			
			292.22	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>293.73</b>	<b>Kg/Cm<sup>2</sup></b>			
23	Cement concrete cube of mix <b>M-25</b> , cast on 28/03/2022. For Foundation & Plinth Tonca Bridge fd/Kamat side fd.	28 th day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.58	----- do -----
			314.87	Kg/Cm <sup>2</sup>			
			319.40	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>314.87</b>	<b>Kg/Cm<sup>2</sup></b>			
24	Cement concrete cube of mix <b>M-25</b> , cast on 28/03/2022. For Foundation & Plinth Tonca Bridge fd/Kamat side fd.	28 th day compressive strength	294.48	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	1.55	----- do -----
			299.01	Kg/Cm <sup>2</sup>			
			289.95	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>294.48</b>	<b>Kg/Cm<sup>2</sup></b>			

Junior Engineer

Assistant Engineer

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
25	Cement concrete cube of mix <b>M-25</b> , cast on 28/03/2022. For Foundation & Plinth Tonca Bridge fd/Kamat side fd.	28 th day compressive strength	292.22	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	2.07	Qty represents - 112.00 M3 for seven sets of cubes.
			299.01	Kg/Cm <sup>2</sup>			
			296.75	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>295.99</b>	<b>Kg/Cm<sup>2</sup></b>			
26	Cement concrete cube of mix <b>M-25</b> , cast on 28/03/2022. For Foundation & Plinth Tonca Bridge fd/Kamat side fd.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	7.01	----- do -----
			310.34	Kg/Cm <sup>2</sup>			
			314.87	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>310.34</b>	<b>Kg/Cm<sup>2</sup></b>			
27	Cement concrete cube of mix <b>M-25</b> , cast on 28/03/2022. For Foundation & Plinth Tonca Bridge fd/Kamat side fd.	28 th day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	6.75	----- do -----
			305.81	Kg/Cm <sup>2</sup>			
			312.61	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 28/03/2022. For Foundation & Plinth Tonca Bridge fd/Kamat side fd.	28 th day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	7.27	----- do -----
			310.34	Kg/Cm <sup>2</sup>			
			312.61	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>311.10</b>	<b>Kg/Cm<sup>2</sup></b>			
29	Cement concrete cube of mix <b>M-25</b> , cast on 29/03/2022. For Foundation & Plinth Sewage 3rd lift/Peter bhat fd.	28 th day compressive strength	312.61	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.58	Qty represents - 112.00 M3 for seven sets of cubes.
			321.67	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>			
30	Cement concrete cube of mix <b>M-25</b> , cast on 29/03/2022. For Foundation & Plinth Sewage 3rd lift/Peter bhat fd.	28 th day compressive strength	314.87	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	7.53	----- do -----
			305.81	Kg/Cm <sup>2</sup>			
			314.87	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>311.85</b>	<b>Kg/Cm<sup>2</sup></b>			
31	Cement concrete cube of mix <b>M-25</b> , cast on 29/03/2022. For Foundation & Plinth Sewage 3rd lift/Peter bhat fd.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.06	----- do -----
			314.87	Kg/Cm <sup>2</sup>			
			319.40	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>313.36</b>	<b>Kg/Cm<sup>2</sup></b>			
32	Cement concrete cube of mix <b>M-25</b> , cast on 29/03/2022. For Foundation & Plinth Sewage 3rd lift/Peter bhat fd.	28 th day compressive strength	312.61	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	9.62	----- do -----
			319.40	Kg/Cm <sup>2</sup>			
			321.67	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>317.89</b>	<b>Kg/Cm<sup>2</sup></b>			
33	Cement concrete cube of mix <b>M-25</b> , cast on 29/03/2022. For Foundation & Plinth Sewage 3rd lift/Peter bhat fd.	28 th day compressive strength	314.87	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	9.88	----- do -----
			323.93	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>			

Junior Engineer

Assistant Engineer

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
34	Cement concrete cube of mix <b>M-25</b> , cast on 29/03/2022. For Foundation & Plinth Sewage 3rd lift/Peter bhat fd.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	7.80	Qty represents - 112.00 M3 for seven sets of cubes.
			310.34	Kg/Cm <sup>2</sup>			
			321.67	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>312.61</b>	<b>Kg/Cm<sup>2</sup></b>			
35	Cement concrete cube of mix <b>M-25</b> , cast on 29/03/2022. For Foundation & Plinth Sewage 3rd lift/Peter bhat fd.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.58	----- do -----
			314.87	Kg/Cm <sup>2</sup>			
			323.93	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>314.87</b>	<b>Kg/Cm<sup>2</sup></b>			
36	Cement concrete cube of mix <b>M-25</b> , cast on 30/03/2022. For Foundation & Plinth Peter bhat fd.	28 th day compressive strength	314.87	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.06	Qty represents - 107.00 M3 for seven sets of cubes.
			317.14	Kg/Cm <sup>2</sup>			
			308.08	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>313.36</b>	<b>Kg/Cm<sup>2</sup></b>			
37	Cement concrete cube of mix <b>M-25</b> , cast on 30/03/2022. For Foundation & Plinth Peter bhat fd.	28 th day compressive strength	317.14	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	7.01	----- do -----
			308.08	Kg/Cm <sup>2</sup>			
			305.81	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>310.34</b>	<b>Kg/Cm<sup>2</sup></b>			
38	Cement concrete cube of mix <b>M-25</b> , cast on 30/03/2022. For Foundation & Plinth Peter bhat fd.	28 th day compressive strength	314.87	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.06	----- do -----
			310.34	Kg/Cm <sup>2</sup>			
			314.87	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>313.36</b>	<b>Kg/Cm<sup>2</sup></b>			
39	Cement concrete cube of mix <b>M-25</b> , cast on 30/03/2022. For Foundation & Plinth Peter bhat fd.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.97	----- do -----
			310.34	Kg/Cm <sup>2</sup>			
			305.81	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>307.32</b>	<b>Kg/Cm<sup>2</sup></b>			
40	Cement concrete cube of mix <b>M-25</b> , cast on 30/03/2022. For Foundation & Plinth Peter bhat fd.	28 th day compressive strength	294.48	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	2.33	----- do -----
			292.22	Kg/Cm <sup>2</sup>			
			303.55	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>296.75</b>	<b>Kg/Cm<sup>2</sup></b>			
41	Cement concrete cube of mix <b>M-25</b> , cast on 30/03/2022. For Foundation & Plinth Peter bhat fd.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.67	----- do -----
			294.48	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>303.55</b>	<b>Kg/Cm<sup>2</sup></b>			
42	Cement concrete cube of mix <b>M-25</b> , cast on 30/03/2022. For Foundation & Plinth Peter bhat fd.	28 th day compressive strength	296.75	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	2.85	----- do -----
			305.81	Kg/Cm <sup>2</sup>			
			292.22	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>298.26</b>	<b>Kg/Cm<sup>2</sup></b>			

Junior Engineer

Assistant Engineer

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
43	Cement concrete cube of mix <b>M-25</b> , cast on 31/03/2022. For Foundation & Plinth Tonca Bridge 1st lift/Kamat side 1st lift/sewage 4th ift.	28 th day compressive strength	296.75	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.37	Qty represents - 108.00 M3 for seven sets of cubes.
			292.22	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>299.77</b>	<b>Kg/Cm<sup>2</sup></b>			
44	Cement concrete cube of mix <b>M-25</b> , cast on 31/03/2022. For Foundation & Plinth Tonca Bridge 1st lift/Kamat side 1st lift/sewage 4th ift.	28 th day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.32	----- do -----
			314.87	Kg/Cm <sup>2</sup>			
			317.14	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>314.12</b>	<b>Kg/Cm<sup>2</sup></b>			
45	Cement concrete cube of mix <b>M-25</b> , cast on 31/03/2022. For Foundation & Plinth Tonca Bridge 1st lift/Kamat side 1st lift/sewage 4th ift.	28 th day compressive strength	296.75	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.45	----- do -----
			305.81	Kg/Cm <sup>2</sup>			
			314.87	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>305.81</b>	<b>Kg/Cm<sup>2</sup></b>			
46	Cement concrete cube of mix <b>M-25</b> , cast on 31/03/2022. For Foundation & Plinth Tonca Bridge 1st lift/Kamat side 1st lift/sewage 4th ift.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.32	----- do -----
			314.87	Kg/Cm <sup>2</sup>			
			321.67	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>314.12</b>	<b>Kg/Cm<sup>2</sup></b>			
47	Cement concrete cube of mix <b>M-25</b> , cast on 31/03/2022. For Foundation & Plinth Tonca Bridge 1st lift/Kamat side 1st lift/sewage 4th ift.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	7.80	----- do -----
			310.34	Kg/Cm <sup>2</sup>			
			321.67	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>312.61</b>	<b>Kg/Cm<sup>2</sup></b>			
48	Cement concrete cube of mix <b>M-25</b> , cast on 31/03/2022. For Foundation & Plinth Tonca Bridge 1st lift/Kamat side 1st lift/sewage 4th ift.	28 th day compressive strength	317.14	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.19	----- do -----
			303.55	Kg/Cm <sup>2</sup>			
			294.48	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>305.06</b>	<b>Kg/Cm<sup>2</sup></b>			
49	Cement concrete cube of mix <b>M-25</b> , cast on 31/03/2022. For Foundation & Plinth Tonca Bridge 1st lift/Kamat side 1st lift/sewage 4th ift.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	6.75	----- do -----
			310.34	Kg/Cm <sup>2</sup>			
			312.61	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>309.59</b>	<b>Kg/Cm<sup>2</sup></b>			
50	Cement concrete cube of mix <b>M-25</b> , cast on 01/04/2022. For Foundation & Plinth Alcon 3rd lift/Kamat side 2nd lift/Peter Bhat 1st lift.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	6.75	Qty represents - 126.00 M3 for seven sets of cubes.
			314.87	Kg/Cm <sup>2</sup>			
			308.08	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>309.59</b>	<b>Kg/Cm<sup>2</sup></b>			
51	Cement concrete cube of mix <b>M-25</b> , cast on 01/04/2022. For Foundation & Plinth Alcon 3rd lift/Kamat side 2nd lift/Peter Bhat 1st lift.	28 th day compressive strength	294.48	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.67	----- do -----
			305.81	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>303.55</b>	<b>Kg/Cm<sup>2</sup></b>			

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
52	Cement concrete cube of mix <b>M-25</b> , cast on 01/04/2022. For Foundation & Plinth Alcon 3rd lift/Kamat side 2nd lift/Peter Bhat 1st lift.	28 th day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	9.10	Qty represents - 126.00 M3 for seven sets of cubes.
			314.87	Kg/Cm <sup>2</sup>			
			323.93	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>316.38</b>	<b>Kg/Cm<sup>2</sup></b>			
53	Cement concrete cube of mix <b>M-25</b> , cast on 01/04/2022. For Foundation & Plinth Alcon 3rd lift/Kamat side 2nd lift/Peter Bhat 1st lift.	28 th day compressive strength	296.75	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.63	----- do -----
			292.22	Kg/Cm <sup>2</sup>			
			312.61	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>300.52</b>	<b>Kg/Cm<sup>2</sup></b>			
54	Cement concrete cube of mix <b>M-25</b> , cast on 01/04/2022. For Foundation & Plinth Alcon 3rd lift/Kamat side 2nd lift/Peter Bhat 1st lift.	28 th day compressive strength	303.55	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.45	----- do -----
			310.34	Kg/Cm <sup>2</sup>			
			303.55	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>305.81</b>	<b>Kg/Cm<sup>2</sup></b>			
55	Cement concrete cube of mix <b>M-25</b> , cast on 01/04/2022. For Foundation & Plinth Alcon 3rd lift/Kamat side 2nd lift/Peter Bhat 1st lift.	28 th day compressive strength	283.16	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	2.33	----- do -----
			292.22	Kg/Cm <sup>2</sup>			
			314.87	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>296.75</b>	<b>Kg/Cm<sup>2</sup></b>			
56	Cement concrete cube of mix <b>M-25</b> , cast on 01/04/2022. For Foundation & Plinth Alcon 3rd lift/Kamat side 2nd lift/Peter Bhat 1st lift.	28 th day compressive strength	312.61	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	9.36	----- do -----
			317.14	Kg/Cm <sup>2</sup>			
			321.67	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>317.14</b>	<b>Kg/Cm<sup>2</sup></b>			
57	Cement concrete cube of mix <b>M-25</b> , cast on 02/04/2022. For Foundation & Plinth Peter Bhat 1st lift.	28 th day compressive strength	303.55	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.06	Qty represents - 130.00 M3 for seven sets of cubes.
			314.87	Kg/Cm <sup>2</sup>			
			321.67	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>313.36</b>	<b>Kg/Cm<sup>2</sup></b>			
58	Cement concrete cube of mix <b>M-25</b> , cast on 02/04/2022. For Foundation & Plinth Peter Bhat 1st lift.	28 th day compressive strength	314.87	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	9.62	----- do -----
			321.67	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>			
59	Cement concrete cube of mix <b>M-25</b> , cast on 02/04/2022. For Foundation & Plinth Peter Bhat 1st lift.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	7.80	----- do -----
			312.61	Kg/Cm <sup>2</sup>			
			319.40	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>312.61</b>	<b>Kg/Cm<sup>2</sup></b>			
60	Cement concrete cube of mix <b>M-25</b> , cast on 02/04/2022. For Foundation & Plinth Peter Bhat 1st lift.	28 th day compressive strength	314.87	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.06	----- do -----
			305.81	Kg/Cm <sup>2</sup>			
			319.40	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>313.36</b>	<b>Kg/Cm<sup>2</sup></b>			

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<b>SR. NO.</b>	<b>DISCRIPTION OF SAMPLE</b>	<b>TESTED FOR</b>	<b>RESULTS</b>		<b>Max./Min.Value permissable</b>	<b>% above or below</b>	<b>REMARK</b>
61	Cement concrete cube of mix <b>M-25</b> , cast on 02/04/2022. For Foundation & Plinth Peter Bhat 1st lift.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.58	Qty represents - 130.00 M3 for seven sets of cubes.
			314.87	Kg/Cm <sup>2</sup>			
			323.93	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>314.87</b>	<b>Kg/Cm<sup>2</sup></b>			
62	Cement concrete cube of mix <b>M-25</b> , cast on 02/04/2022. For Foundation & Plinth Peter Bhat 1st lift.	28 th day compressive strength	294.48	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.37	----- do -----
			299.01	Kg/Cm <sup>2</sup>			
			305.81	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>299.77</b>	<b>Kg/Cm<sup>2</sup></b>			
63	Cement concrete cube of mix <b>M-25</b> , cast on 02/04/2022. For Foundation & Plinth Peter Bhat 1st lift.	28 th day compressive strength	314.87	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	9.88	----- do -----
			323.93	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>			

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.

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