

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 4438 to 4443,4455 to 4459,4477 to 4481,/ Lab / **91**/ 2022 - 23 Dated:- 25/05/2022. Laboratory : Bicholim - Goa.  
4507 to 4512,4536 to 4541,4552 to 4556,4569 to 4572,4589 to 4593,4612 to 4616,4632 to 4636 Sub Division V (QC)/WRD/ Bicholim- Goa.

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

Ref. to Requisition No.: SDIV/WDI/WRD/F.38/22-23/102 Dt.:- 10/ 05/ 2022

Qty. Received. :52 Sets of cube Date of Receipt:-12/05/ 2022. Tested on:12,13,14,16,17,18,19,20,21, & 23/05/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **M -25** O.S No. :0727 to 0732,0745 to 0749,0767 to 0771/R.K. , 8463 to 8468,8491 to 8496,8507 to 8511,8526 to 8529,8547 to 8551,8570 to 8574,8590 to 8594/SS Lab.

Sample No.: 4391 to 4442 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 permissable	% above or below	REMARK
1	Cement concrete cube of mix <b>M-25</b> , cast on 14/04/2022. For Foundation & Plinth sewage 2 <sup>nd</sup> lift.	28 th day compressive strength	296.75	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	2.85	Qty represents - 120.00 M3 for six sets of cubes.
			292.22	Kg/Cm <sup>2</sup>			
			305.81	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>298.26</b>			
2	Cement concrete cube of mix <b>M-25</b> , cast on 14/04/2022. For Foundation & Plinth sewage 2 <sup>nd</sup> lift.	28 th day compressive strength	303.55	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.37	----- do -----
			301.28	Kg/Cm <sup>2</sup>			
			294.48	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>299.77</b>			
3	Cement concrete cube of mix <b>M-25</b> , cast on 14/04/2022. For Foundation & Plinth sewage 2 <sup>nd</sup> lift.	28 th day compressive strength	296.75	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.67	----- do -----
			305.81	Kg/Cm <sup>2</sup>			
			308.08	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>303.55</b>			
4	Cement concrete cube of mix <b>M-25</b> , cast on 14/04/2022. For Foundation & Plinth sewage 2 <sup>nd</sup> lift.	28 th day compressive strength	312.61	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.93	----- do -----
			303.55	Kg/Cm <sup>2</sup>			
			296.75	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>304.30</b>			
5	Cement concrete cube of mix <b>M-25</b> , cast on 14/04/2022. For Foundation & Plinth sewage 2 <sup>nd</sup> lift.	28 th day compressive strength	294.48	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.15	----- do -----
			310.34	Kg/Cm <sup>2</sup>			
			301.28	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>302.03</b>			
6	Cement concrete cube of mix <b>M-25</b> , cast on 14/04/2022. For Foundation & Plinth sewage 2 <sup>nd</sup> lift.	28 th day compressive strength	292.22	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.67	----- do -----
			310.34	Kg/Cm <sup>2</sup>			
			308.08	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>303.55</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 15/04/2022. For Foundation & Plinth sewage 4 <sup>th</sup> lift/Peter bhat 5 <sup>th</sup> lift/gaunekar u/s 1 <sup>st</sup> lift.	28 th day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.19	Qty represents - 70.00 M3 for five sets of cubes.
			301.28	Kg/Cm <sup>2</sup>			
			303.55	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>305.06</b>			
8	Cement concrete cube of mix <b>M-25</b> , cast on 15/04/2022. For Foundation & Plinth sewage 4 <sup>th</sup> lift/Peter bhat 5 <sup>th</sup> lift/gaunekar u/s 1 <sup>st</sup> lift.	28 th day compressive strength	314.87	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	6.75	----- do -----
			308.08	Kg/Cm <sup>2</sup>			
			305.81	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>309.59</b>			
9	Cement concrete cube of mix <b>M-25</b> , cast on 15/04/2022. For Foundation & Plinth sewage 4 <sup>th</sup> lift/Peter bhat 5 <sup>th</sup> lift/gaunekar u/s 1 <sup>st</sup> lift.	28 th day compressive strength	301.28	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.71	----- do -----
			312.61	Kg/Cm <sup>2</sup>			
			305.81	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>306.57</b>			
10	Cement concrete cube of mix <b>M-25</b> , cast on 15/04/2022. For Foundation & Plinth sewage 4 <sup>th</sup> lift/Peter bhat 5 <sup>th</sup> lift/gaunekar u/s 1 <sup>st</sup> lift.	28 th day compressive strength	312.61	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.19	----- do -----
			310.34	Kg/Cm <sup>2</sup>			
			292.22	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>305.06</b>			
11	Cement concrete cube of mix <b>M-25</b> , cast on 15/04/2022. For Foundation & Plinth sewage 4 <sup>th</sup> lift/Peter bhat 5 <sup>th</sup> lift/gaunekar u/s 1 <sup>st</sup> lift.	28 th day compressive strength	296.75	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.71	----- do -----
			310.34	Kg/Cm <sup>2</sup>			
			312.61	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>306.57</b>			
12	Cement concrete cube of mix <b>M-25</b> , cast on 16/04/2022. For Foundation & Plinth gaunekar u/s 1 <sup>st</sup> lift.	28 th day compressive strength	312.61	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	7.53	Qty represents - 57.00 M3 for five sets of cubes.
			305.81	Kg/Cm <sup>2</sup>			
			317.14	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>311.85</b>			
13	Cement concrete cube of mix <b>M-25</b> , cast on 16/04/2022. For Foundation & Plinth gaunekar u/s 1 <sup>st</sup> lift.	28 th day compressive strength	314.87	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.84	----- do -----
			321.67	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>315.63</b>			
14	Cement concrete cube of mix <b>M-25</b> , cast on 16/04/2022. For Foundation & Plinth gaunekar u/s 1 <sup>st</sup> lift.	28 th day compressive strength	319.40	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	10.14	----- do -----
			314.87	Kg/Cm <sup>2</sup>			
			323.93	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>319.40</b>			
15	Cement concrete cube of mix <b>M-25</b> , cast on 16/04/2022. For Foundation & Plinth gaunekar u/s 1 <sup>st</sup> lift.	28 th day compressive strength	326.20	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	9.88	----- do -----
			317.14	Kg/Cm <sup>2</sup>			
			312.61	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>318.65</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 16/04/2022. For Foundation & Plinth gaunekar u/s 1 <sup>st</sup> lift.	28 th day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	10.14	Qty represents - 57.00 M3 for five sets of cubes.
			319.40	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>			
17	Cement concrete cube of mix <b>M-25</b> , cast on 18/04/2022. For Foundation & Plinth Gaunekar Bridge (LHS)fd.	28 th day compressive strength	292.22	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.06	Qty represents - 109.00 M3 for six sets of cubes.
			326.20	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>			
18	Cement concrete cube of mix <b>M-25</b> , cast on 18/04/2022. For Foundation & Plinth Gaunekar Bridge (LHS)fd.	28 th day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.84	----- do -----
			314.87	Kg/Cm <sup>2</sup>			
			321.67	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>315.63</b>	<b>Kg/Cm<sup>2</sup></b>			
19	Cement concrete cube of mix <b>M-25</b> , cast on 18/04/2022. For Foundation & Plinth Gaunekar Bridge (LHS)fd.	28 th day compressive strength	317.14	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	9.10	----- do -----
			317.14	Kg/Cm <sup>2</sup>			
			314.87	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>316.38</b>	<b>Kg/Cm<sup>2</sup></b>			
20	Cement concrete cube of mix <b>M-25</b> , cast on 18/04/2022. For Foundation & Plinth Gaunekar Bridge (LHS)fd.	28 th day compressive strength	292.22	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	6.23	----- do -----
			314.87	Kg/Cm <sup>2</sup>			
			317.14	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>308.08</b>	<b>Kg/Cm<sup>2</sup></b>			
21	Cement concrete cube of mix <b>M-25</b> , cast on 18/04/2022. For Foundation & Plinth Gaunekar Bridge (LHS)fd.	28 th day compressive strength	303.55	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	7.53	----- do -----
			310.34	Kg/Cm <sup>2</sup>			
			321.67	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>311.85</b>	<b>Kg/Cm<sup>2</sup></b>			
22	Cement concrete cube of mix <b>M-25</b> , cast on 18/04/2022. For Foundation & Plinth Gaunekar Bridge (LHS)fd.	28 th day compressive strength	294.48	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.93	----- do -----
			305.81	Kg/Cm <sup>2</sup>			
			312.61	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>304.30</b>	<b>Kg/Cm<sup>2</sup></b>			
23	Cement concrete cube of mix <b>M-25</b> , cast on 19/04/2022. For Foundation & Plinth Gaunekar Bridge (LHS)fd.	28 th day compressive strength	289.95	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.41	Qty represents - 102.00 M3 for six sets of cubes.
			314.87	Kg/Cm <sup>2</sup>			
			303.55	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>302.79</b>	<b>Kg/Cm<sup>2</sup></b>			
24	Cement concrete cube of mix <b>M-25</b> , cast on 19/04/2022. For Foundation & Plinth Gaunekar Bridge (LHS)fd.	28 th day compressive strength	317.14	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	7.27	----- do -----
			305.81	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>311.10</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 19/04/2022. For Foundation & Plinth Gaunekar Bridge (LHS)fd.	28 th day compressive strength	317.14	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	7.27	Qty represents - 102.00 M3 for six sets of cubes.
			314.87	Kg/Cm <sup>2</sup>			
			301.28	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>311.10</b>	<b>Kg/Cm<sup>2</sup></b>			
26	Cement concrete cube of mix <b>M-25</b> , cast on 19/04/2022. For Foundation & Plinth Gaunekar Bridge (LHS)fd.	28 th day compressive strength	289.95	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.89	----- do -----
			305.81	Kg/Cm <sup>2</sup>			
			308.08	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>301.28</b>	<b>Kg/Cm<sup>2</sup></b>			
27	Cement concrete cube of mix <b>M-25</b> , cast on 19/04/2022. For Foundation & Plinth Gaunekar Bridge (LHS)fd.	28 th day compressive strength	296.75	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.93	----- do -----
			305.81	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>304.30</b>	<b>Kg/Cm<sup>2</sup></b>			
28	Cement concrete cube of mix <b>M-25</b> , cast on 19/04/2022. For Foundation & Plinth Gaunekar Bridge (LHS)fd.	28 th day compressive strength	314.87	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	6.75	----- do -----
			323.93	Kg/Cm <sup>2</sup>			
			289.95	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>309.59</b>	<b>Kg/Cm<sup>2</sup></b>			
29	Cement concrete cube of mix <b>M-25</b> , cast on 20/04/2022. For Foundation & Plinth Gaunekar Bridge (LHS) 1 <sup>st</sup> lift.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.19	Qty represents - 86.00 M3 for five sets of cubes.
			292.22	Kg/Cm <sup>2</sup>			
			317.14	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>305.06</b>	<b>Kg/Cm<sup>2</sup></b>			
30	Cement concrete cube of mix <b>M-25</b> , cast on 20/04/2022. For Foundation & Plinth Gaunekar Bridge (LHS) 1 <sup>st</sup> lift.	28 th day compressive strength	308.08	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.19	----- do -----
			292.22	Kg/Cm <sup>2</sup>			
			314.87	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>305.06</b>	<b>Kg/Cm<sup>2</sup></b>			
31	Cement concrete cube of mix <b>M-25</b> , cast on 20/04/2022. For Foundation & Plinth Gaunekar Bridge (LHS) 1 <sup>st</sup> lift.	28 th day compressive strength	292.22	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.89	----- do -----
			296.75	Kg/Cm <sup>2</sup>			
			314.87	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>301.28</b>	<b>Kg/Cm<sup>2</sup></b>			
32	Cement concrete cube of mix <b>M-25</b> , cast on 20/04/2022. For Foundation & Plinth Gaunekar Bridge (LHS) 1 <sup>st</sup> lift.	28 th day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	6.49	----- do -----
			323.93	Kg/Cm <sup>2</sup>			
			292.22	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>308.83</b>	<b>Kg/Cm<sup>2</sup></b>			
33	Cement concrete cube of mix <b>M-25</b> , cast on 20/04/2022. For Foundation & Plinth Gaunekar Bridge (LHS) 1 <sup>st</sup> lift.	28 th day compressive strength	292.22	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.93	----- do -----
			308.08	Kg/Cm <sup>2</sup>			
			312.61	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>304.30</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 21/04/2022. For Foundation & Plinth Gaunekar Bridge (LHS) 1 <sup>st</sup> lift/sewage 5 <sup>th</sup> lift.	28 th day compressive strength	296.75	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	6.23	Qty represents - 46.00 M3 for four sets of cubes.
			305.81	Kg/Cm <sup>2</sup>			
			321.67	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>308.08</b>	<b>Kg/Cm<sup>2</sup></b>			
35	Cement concrete cube of mix <b>M-25</b> , cast on 21/04/2022. For Foundation & Plinth Gaunekar Bridge (LHS) 1 <sup>st</sup> lift/sewage 5 <sup>th</sup> lift.	28 th day compressive strength	314.87	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.06	----- do -----
			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>			
36	Cement concrete cube of mix <b>M-25</b> , cast on 21/04/2022. For Foundation & Plinth Gaunekar Bridge (LHS) 1 <sup>st</sup> lift/sewage 5 <sup>th</sup> lift.	28 th day compressive strength	314.87	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	10.92	----- do -----
			323.93	Kg/Cm <sup>2</sup>			
			326.20	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>321.67</b>	<b>Kg/Cm<sup>2</sup></b>			
37	Cement concrete cube of mix <b>M-25</b> , cast on 21/04/2022. For Foundation & Plinth Gaunekar Bridge (LHS) 1 <sup>st</sup> lift/sewage 5 <sup>th</sup> lift.	28 th day compressive strength	321.67	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	7.01	----- do -----
			310.34	Kg/Cm <sup>2</sup>			
			299.01	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 22/04/2022. For Foundation & Plinth Gaunekar Bridge (RHS) fd.	28 th day compressive strength	299.01	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	6.49	Qty represents - 87.00 M3 for four sets of cubes.
			317.14	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>308.83</b>	<b>Kg/Cm<sup>2</sup></b>			
39	Cement concrete cube of mix <b>M-25</b> , cast on 22/04/2022. For Foundation & Plinth Gaunekar Bridge (RHS) fd.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.67	----- do -----
			292.22	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>			
40	Cement concrete cube of mix <b>M-25</b> , cast on 22/04/2022. For Foundation & Plinth Gaunekar Bridge (RHS) fd.	28 th day compressive strength	317.14	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	8.32	----- do -----
			317.14	Kg/Cm <sup>2</sup>			
			308.08	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>314.12</b>	<b>Kg/Cm<sup>2</sup></b>			
41	Cement concrete cube of mix <b>M-25</b> , cast on 22/04/2022. For Foundation & Plinth Gaunekar Bridge (RHS) fd.	28 th day compressive strength	303.55	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	2.33	----- do -----
			289.95	Kg/Cm <sup>2</sup>			
			296.75	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>296.75</b>	<b>Kg/Cm<sup>2</sup></b>			
42	Cement concrete cube of mix <b>M-25</b> , cast on 22/04/2022. For Foundation & Plinth Gaunekar Bridge (RHS) fd.	28 th day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	6.75	----- do -----
			314.87	Kg/Cm <sup>2</sup>			
			303.55	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>309.59</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 23/04/2022. For Foundation & Plinth Gaunekar Bridge (RHS) fd.	28 th day compressive strength	296.75	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.37	Qty represents - 89.00 M3 for five sets of cubes.
			283.16	Kg/Cm <sup>2</sup>			
			319.40	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 23/04/2022. For Foundation & Plinth Gaunekar Bridge (RHS) fd.	28 th day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.71	----- do -----
			285.42	Kg/Cm <sup>2</sup>			
			323.93	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>306.57</b>	<b>Kg/Cm<sup>2</sup></b>			
45	Cement concrete cube of mix <b>M-25</b> , cast on 23/04/2022. For Foundation & Plinth Gaunekar Bridge (RHS) fd.	28 th day compressive strength	294.48	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	6.23	----- do -----
			312.61	Kg/Cm <sup>2</sup>			
			317.14	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>308.08</b>	<b>Kg/Cm<sup>2</sup></b>			
46	Cement concrete cube of mix <b>M-25</b> , cast on 23/04/2022. For Foundation & Plinth Gaunekar Bridge (RHS) fd.	28 th day compressive strength	280.89	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	2.59	----- do -----
			303.55	Kg/Cm <sup>2</sup>			
			308.08	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>297.50</b>	<b>Kg/Cm<sup>2</sup></b>			
47	Cement concrete cube of mix <b>M-25</b> , cast on 23/04/2022. For Foundation & Plinth Gaunekar Bridge (RHS) fd.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.15	----- do -----
			292.22	Kg/Cm <sup>2</sup>			
			308.08	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>302.03</b>	<b>Kg/Cm<sup>2</sup></b>			
48	Cement concrete cube of mix <b>M-25</b> , cast on 25/04/2022. For Foundation & Plinth Gaunekar Bridge (RHS) fd.	28 th day compressive strength	292.22	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.67	Qty represents - 78.00 M3 for five sets of cubes.
			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>			
49	Cement concrete cube of mix <b>M-25</b> , cast on 25/04/2022. For Foundation & Plinth Gaunekar Bridge (RHS) fd.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.15	----- do -----
			314.87	Kg/Cm <sup>2</sup>			
			285.42	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>302.03</b>	<b>Kg/Cm<sup>2</sup></b>			
50	Cement concrete cube of mix <b>M-25</b> , cast on 25/04/2022. For Foundation & Plinth Gaunekar Bridge (RHS) fd.	28 th day compressive strength	308.08	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	10.14	----- do -----
			323.93	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>			

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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>
51	Cement concrete cube of mix <b>M-25</b> , cast on 25/04/2022. For Foundation & Plinth Gaunekar Bridge (RHS) fd.	28 th day compressive strength	294.48	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	6.49	Qty represents - 78.00 M3 for five sets of cubes.
			317.14	Kg/Cm <sup>2</sup>			
			314.87	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>308.83</b>	<b>Kg/Cm<sup>2</sup></b>			
52	Cement concrete cube of mix <b>M-25</b> , cast on 25/04/2022. For Foundation & Plinth Gaunekar Bridge (RHS) fd.	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>			

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