

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No: WRD/QC/F.6-2/Cube -T : 6167 To 6171, 6175 To 6179/Lab/299/2022 - 23 Dated:- 06/03/2023.  
6184 To 6189, 6200 To 6204, 6213 To 6217, 6229 To 6234, 6241 To 6246, 6258 To 6263, 6268 To 6271,  
6282 To 6285, 6290 To 6295.

Laboratory : Bicholim - Goa.  
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.38/2022-23/667 Dt.:- 10/02/2023

Qty. Recived. : 58 Sets of cube Date of Receipt:- 13/02/2023. Tested on: 14,15,16,17,18,20,21,22,24,25 & 27/02/2023 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **M-25 & 1:1.5:3**

O.S No: 958,959,960,961,962,963,970,971,972,973/RK & 194,195,196,197,198,204,205,206,207,208,216,217,218,219,220,229,230,231,232,233,244,246,247,248,249,250,259,260,  
261,262,263,264,276,277,278,279,280,281,288,289,290,291,307,308,309,310,311,312/SS. Lab. Sample No: 6213 to 6270

Tested By: Mrs. R.R. Kadam A.E. & Mrs. S. B. Naik Shirodkar J.E.

**REPORT PAGE 01 OF 09**

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 17/01/2023. for Models Exotica fd.	28 th day compressive strength	303.55	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	2.85	Qty represents - 60.00 M3 for five sets of cube.
			292.22	Kg/Cm <sup>2</sup>			
			299.01	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>298.26</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix <b>M-25</b> , cast on 17/01/2023. for Models Exotica 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>			
3	Cement concrete cube of mix <b>M-25</b> , cast on 17/01/2023. for Models Exotica fd.	28 th day compressive strength	308.08	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.11	---do--
			285.42	Kg/Cm <sup>2</sup>			
			303.55	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>299.01</b>	<b>Kg/Cm<sup>2</sup></b>			
4	Cement concrete cube of mix <b>M-25</b> , cast on 17/01/2023. for Models Exotica fd.	28 th day compressive strength	283.16	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.63	---do--
			305.81	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>			

Junior Engineer

Assistant Engineer

REPORT PAGE 02 OF 09

SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Cement concrete cube of mix <b>M-25</b> , cast on 17/01/2023. for Models Exotica fd.	28 th day compressive strength	289.95	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	2.59	Qty represents - 60.00 M3 for five sets of cube.
			310.34	Kg/Cm <sup>2</sup>			
			292.22	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>297.50</b>	<b>Kg/Cm<sup>2</sup></b>			
6	Cement concrete cube of mix <b>M-25</b> , cast on 18/01/2023. for fd Models Exotica. U/S LHS Camrabhat fd.	28 th day compressive strength	299.01	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	2.33	Qty represents - 51.00 M3 for five sets of cube.
			280.89	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>296.75</b>	<b>Kg/Cm<sup>2</sup></b>			
7	Cement concrete cube of mix <b>M-25</b> , cast on 18/01/2023. for fd Models Exotica. U/S LHS Camrabhat fd.	28 th day compressive strength	289.95	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.89	---do--
			310.34	Kg/Cm <sup>2</sup>			
			303.55	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>301.28</b>	<b>Kg/Cm<sup>2</sup></b>			
8	Cement concrete cube of mix <b>M-25</b> , cast on 18/01/2023. for fd Models Exotica. U/S LHS Camrabhat fd.	28 th day compressive strength	299.01	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	2.33	---do--
			301.28	Kg/Cm <sup>2</sup>			
			289.95	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>296.75</b>	<b>Kg/Cm<sup>2</sup></b>			
9	Cement concrete cube of mix <b>M-25</b> , cast on 18/01/2023. for fd Models Exotica. U/S LHS Camrabhat fd.	28 th day compressive strength	287.69	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.41	---do--
			303.55	Kg/Cm <sup>2</sup>			
			317.14	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>302.79</b>	<b>Kg/Cm<sup>2</sup></b>			
10	Cement concrete cube of mix <b>M-25</b> , cast on 18/01/2023. for fd Models Exotica. U/S LHS Camrabhat fd.	28 th day compressive strength	283.16	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.63	---do--
			305.81	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>			
11	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 19/01/2023. for Bhandra Gate fd.	28 th day compressive strength	289.95	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	9.13	Qty represents - 17.00 M3 for three sets of cube.
			305.81	Kg/Cm <sup>2</sup>			
			271.83	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>289.20</b>	<b>Kg/Cm<sup>2</sup></b>			
12	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 19/01/2023. for Bhandra Gate fd.	28 th day compressive strength	255.97	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	2.29	---do--
			285.42	Kg/Cm <sup>2</sup>			
			271.83	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>271.08</b>	<b>Kg/Cm<sup>2</sup></b>			

Junior Engineer

Assistant Engineer

REPORT PAGE 03 OF 09

SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
13	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 19/01/2023. for Bhandra Gate fd.	28 th day compressive strength	260.51	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	4.57	Qty represents - 17.00 M3 for three sets of cube.
			278.63	Kg/Cm <sup>2</sup>			
			292.22	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>277.12</b>	<b>Kg/Cm<sup>2</sup></b>			
14	Cement concrete cube of mix <b>M-25</b> , cast on 19/01/2023. for LHS Camrabhat Ist Lift.	28 th day compressive strength	283.16	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.63	Qty represents - 17.00 M3 for three sets of cube.
			308.08	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>300.52</b>	<b>Kg/Cm<sup>2</sup></b>			
15	Cement concrete cube of mix <b>M-25</b> , cast on 19/01/2023. for LHS Camrabhat Ist Lift.	28 th day compressive strength	292.22	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.89	---do--
			294.48	Kg/Cm <sup>2</sup>			
			317.14	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>301.28</b>	<b>Kg/Cm<sup>2</sup></b>			
16	Cement concrete cube of mix <b>M-25</b> , cast on 19/01/2023. for LHS Camrabhat Ist Lift.	28 th day compressive strength	289.95	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.93	---do--
			312.61	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>			
17	Cement concrete cube of mix <b>M-25</b> , cast on 20/01/2023. for Models Exotica Ist Lift.	28 th day compressive strength	287.69	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.41	Qty represents - 75.00 M3 for five sets of cube.
			303.55	Kg/Cm <sup>2</sup>			
			317.14	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>302.79</b>	<b>Kg/Cm<sup>2</sup></b>			
18	Cement concrete cube of mix <b>M-25</b> , cast on 20/01/2023. for Models Exotica Ist 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>	<b>Kg/Cm<sup>2</sup></b>			
19	Cement concrete cube of mix <b>M-25</b> , cast on 20/01/2023. for Models Exotica Ist Lift.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	7.01	---do--
			314.87	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>310.34</b>	<b>Kg/Cm<sup>2</sup></b>			
20	Cement concrete cube of mix <b>M-25</b> , cast on 20/01/2023. for Models Exotica Ist Lift.	28 th day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	7.27	---do--
			312.61	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>			

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**REPORT PAGE 04 OF 09**

SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
21	Cement concrete cube of mix <b>M-25</b> , cast on 20/01/2023. for Models Exotica 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 - 75.00 M3 for five sets of cube.
			317.14	Kg/Cm <sup>2</sup>			
			321.67	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>314.87</b>			
22	Cement concrete cube of mix <b>M-25</b> , cast on 21/01/2023. for U/S RHS Camrabhat fd.	28 th day compressive strength	303.55	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.93	Qty represents - 75.00 M3 for five sets of cube.
			317.14	Kg/Cm <sup>2</sup>			
			292.22	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>304.30</b>			
23	Cement concrete cube of mix <b>M-25</b> , cast on 21/01/2023. for U/S RHS Camrabhat fd.	28 th day compressive strength	289.95	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.41	---do--
			303.55	Kg/Cm <sup>2</sup>			
			314.87	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>302.79</b>			
24	Cement concrete cube of mix <b>M-25</b> , cast on 21/01/2023. for U/S RHS Camrabhat fd.	28 th day compressive strength	308.08	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.89	---do--
			283.16	Kg/Cm <sup>2</sup>			
			312.61	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>301.28</b>			
25	Cement concrete cube of mix <b>M-25</b> , cast on 21/01/2023. for U/S RHS Camrabhat fd.	28 th day compressive strength	314.87	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.67	---do--
			289.95	Kg/Cm <sup>2</sup>			
			305.81	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>303.55</b>			
26	Cement concrete cube of mix <b>M-25</b> , cast on 21/01/2023. for U/S RHS Camrabhat fd.	28 th day compressive strength	299.01	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.11	---do--
			305.81	Kg/Cm <sup>2</sup>			
			292.22	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>299.01</b>			
27	Cement concrete cube of mix <b>M-25</b> , cast on 23/01/2023. for RHS Camrabhat 1st Lift.	28 th day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.89	Qty represents - 44.00 M3 for four sets of cube.
			303.55	Kg/Cm <sup>2</sup>			
			289.95	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>301.28</b>			
28	Cement concrete cube of mix <b>M-25</b> , cast on 23/01/2023. for RHS Camrabhat 1st Lift.	28 th day compressive strength	310.34	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.15	---do--
			285.42	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>302.03</b>			

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**REPORT PAGE 05 OF 09**

<b>SR. NO</b>	<b>DISCRIPTION OF SAMPLE</b>	<b>TESTED FOR</b>	<b>RESULTS</b>		<b>Max./Min.Value permissible</b>	<b>% above or below</b>	<b>REMARK</b>
29	Cement concrete cube of mix <b>M-25</b> , cast on 23/01/2023. for RHS Cambrabhat Ist Lift.	28 th day compressive strength	292.22	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.89	Qty represents - 44.00 M3 for four sets of cube.
			317.14	Kg/Cm <sup>2</sup>			
			294.48	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>301.28</b>	<b>Kg/Cm<sup>2</sup></b>			
30	Cement concrete cube of mix <b>M-25</b> , cast on 23/01/2023. for RHS Cambrabhat Ist Lift.	28 th day compressive strength	287.69	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.15	---do--
			305.81	Kg/Cm <sup>2</sup>			
			312.61	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>302.03</b>	<b>Kg/Cm<sup>2</sup></b>			
31	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 23/01/2023. for Bhandra abakment RHS Ist Lift.	28 th day compressive strength	296.75	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	9.42	Qty represents - 11.00 M3 for two sets of cube.
			283.16	Kg/Cm <sup>2</sup>			
			289.95	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>289.95</b>	<b>Kg/Cm<sup>2</sup></b>			
32	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 23/01/2023. for Bhandra abakment RHS Ist Lift.	28 th day compressive strength	289.95	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	4.29	---do--
			278.63	Kg/Cm <sup>2</sup>			
			260.51	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>276.36</b>	<b>Kg/Cm<sup>2</sup></b>			
33	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 24/01/2023. for 1st Pillar Bhandra Ist Lift.	28 th day compressive strength	258.24	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	2.01	Qty represents - 7.00 M3 for two sets of cube.
			269.57	Kg/Cm <sup>2</sup>			
			283.16	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>270.32</b>	<b>Kg/Cm<sup>2</sup></b>			
34	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 24/01/2023. for 1st Pillar Bhandra Ist Lift.	28 th day compressive strength	262.77	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	3.43	---do--
			292.22	Kg/Cm <sup>2</sup>			
			267.30	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>274.10</b>	<b>Kg/Cm<sup>2</sup></b>			
35	Cement concrete cube of mix <b>M-25</b> , cast on 24/01/2023. for Tony Side fd.	28 th day compressive strength	292.22	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	2.59	Qty represents - 32.00 M3 for four sets of cube.
			303.55	Kg/Cm <sup>2</sup>			
			296.75	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>297.50</b>	<b>Kg/Cm<sup>2</sup></b>			

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REPORT PAGE 06 OF 09

SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
36	Cement concrete cube of mix <b>M-25</b> , cast on 24/01/2023. for Tony Side fd.	28 th day compressive strength	299.01	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	1.29	Qty represents - 32.00 M3 for four sets of cube.
			294.48	Kg/Cm <sup>2</sup>			
			287.69	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>293.73</b>	<b>Kg/Cm<sup>2</sup></b>			
37	Cement concrete cube of mix <b>M-25</b> , cast on 24/01/2023. for Tony Side fd.	28 th day compressive strength	294.48	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.37	---do--
			305.81	Kg/Cm <sup>2</sup>			
			299.01	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>299.77</b>	<b>Kg/Cm<sup>2</sup></b>			
38	Cement concrete cube of mix <b>M-25</b> , cast on 24/01/2023. for Tony Side fd.	28 th day compressive strength	301.28	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.67	---do--
			305.81	Kg/Cm <sup>2</sup>			
			303.55	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>303.55</b>	<b>Kg/Cm<sup>2</sup></b>			
39	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 25/01/2023. for 1st Pillar Bhandra lInd Lift.	28 th day compressive strength	253.71	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	4.86	Qty represents - 7.00 M3 for two sets of cube.
			287.69	Kg/Cm <sup>2</sup>			
			292.22	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>277.87</b>	<b>Kg/Cm<sup>2</sup></b>			
40	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 25/01/2023. for 1st Pillar Bhandra lInd Lift.	28 th day compressive strength	271.83	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	8.56	---do--
			294.48	Kg/Cm <sup>2</sup>			
			296.75	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>287.69</b>	<b>Kg/Cm<sup>2</sup></b>			
41	Cement concrete cube of mix <b>M-25</b> , cast on 25/01/2023. for Tony Side Ist Lift.	28 th day compressive strength	303.55	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.67	Qty represents - 19.00 M3 for four sets of cube.
			296.75	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 25/01/2023. for Tony Side Ist Lift.	28 th day compressive strength	292.22	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	2.85	---do--
			294.48	Kg/Cm <sup>2</sup>			
			308.08	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>298.26</b>	<b>Kg/Cm<sup>2</sup></b>			
43	Cement concrete cube of mix <b>M-25</b> , cast on 25/01/2023. for Tony Side Ist Lift.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	5.19	---do--
			299.01	Kg/Cm <sup>2</sup>			
			310.34	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>305.06</b>	<b>Kg/Cm<sup>2</sup></b>			

Junior Engineer

Assistant Engineer

**REPORT PAGE 07 OF 09**

SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
44	Cement concrete cube of mix <b>M-25</b> , cast on 25/01/2023. for Tony Side Ist Lift.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	1.55	Qty represents - 19.00 M3 for four sets of cube.
			285.42	Kg/Cm <sup>2</sup>			
			292.22	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>294.48</b>	<b>Kg/Cm<sup>2</sup></b>			
45	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 27/01/2023. for Bhandra abakment RHS IInd Lift. 2nd Pillar Bhandra Ist Lift.	28 th day compressive strength	260.51	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	3.72	Qty represents - 19.00 M3 for four sets of cube.
			271.83	Kg/Cm <sup>2</sup>			
			292.22	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>274.85</b>	<b>Kg/Cm<sup>2</sup></b>			
46	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 27/01/2023. for Bhandra abakment RHS IInd Lift. 2nd Pillar Bhandra Ist Lift.	28 th day compressive strength	265.04	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	4.57	---do--
			292.22	Kg/Cm <sup>2</sup>			
			274.10	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>277.12</b>	<b>Kg/Cm<sup>2</sup></b>			
47	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 27/01/2023. for Bhandra abakment RHS IInd Lift. 2nd Pillar Bhandra Ist Lift.	28 th day compressive strength	303.55	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	6.57	---do--
			271.83	Kg/Cm <sup>2</sup>			
			271.83	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>282.40</b>	<b>Kg/Cm<sup>2</sup></b>			
48	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 27/01/2023. for Bhandra abakment RHS IInd Lift. 2nd Pillar Bhandra Ist Lift.	28 th day compressive strength	289.95	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	7.42	---do--
			283.16	Kg/Cm <sup>2</sup>			
			280.89	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>284.67</b>	<b>Kg/Cm<sup>2</sup></b>			
49	Cement concrete cube of mix <b>M-25</b> , cast on 28/01/2023. for Behind Bonita bld. fd.	28 th day compressive strength	305.81	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.89	Qty represents - 32.00 M3 for four sets of cube.
			289.95	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>			
50	Cement concrete cube of mix <b>M-25</b> , cast on 28/01/2023. for Behind Bonita bld. fd.	28 th day compressive strength	289.95	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	2.33	---do--
			308.08	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>			

Junior Engineer

Assistant Engineer



**REPORT PAGE 08 OF 09**

SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
51	Cement concrete cube of mix <b>M-25</b> , cast on 28/01/2023. for Behind Bonita bld. fd.	28 th day compressive strength	303.55	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.41	Qty represents - 32.00 M3 for four sets of cube.
			314.87	Kg/Cm <sup>2</sup>			
			289.95	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>302.79</b>	<b>Kg/Cm<sup>2</sup></b>			
52	Cement concrete cube of mix <b>M-25</b> , cast on 28/01/2023. for Behind Bonita bld. fd.	28 th day compressive strength	283.16	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	3.11	---do--
			310.34	Kg/Cm <sup>2</sup>			
			303.55	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>299.01</b>	<b>Kg/Cm<sup>2</sup></b>			
53	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 30/01/2023. for 3rd Pillar Bhandra Ist Lift.	28 th day compressive strength	253.71	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	1.44	Qty represents - 7.00 M3 for two sets of cube.
			269.57	Kg/Cm <sup>2</sup>			
			283.16	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>268.81</b>	<b>Kg/Cm<sup>2</sup></b>			
54	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 30/01/2023. for 3rd Pillar Bhandra Ist Lift.	28 th day compressive strength	267.30	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	2.86	---do--
			265.04	Kg/Cm <sup>2</sup>			
			285.42	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>272.59</b>	<b>Kg/Cm<sup>2</sup></b>			
55	Cement concrete cube of mix <b>M-25</b> , cast on 30/01/2023. for LHS Camrabhat IInd Lift/Behind Bonita bld Ist Lift.	28 th day compressive strength	287.69	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.41	Qty represents - 40.00 M3 for four sets of cube.
			308.08	Kg/Cm <sup>2</sup>			
			312.61	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>302.79</b>	<b>Kg/Cm<sup>2</sup></b>			
56	Cement concrete cube of mix <b>M-25</b> , cast on 30/01/2023. for LHS Camrabhat IInd Lift/Behind Bonita bld Ist Lift.	28 th day compressive strength	292.22	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.15	---do--
			305.81	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>			

Junior Engineer

Assistant Engineer

**REPORT PAGE 09 OF 09**

SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
57	Cement concrete cube of mix <b>M-25</b> , cast on 30/01/2023. for LHS Camrabhat IInd Lift/Behind Bonita bld Ist Lift.	28 th day compressive strength	299.01	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	4.93	Qty represents - 40.00 M3 for four sets of cube.
			305.81	Kg/Cm <sup>2</sup>			
			308.08	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>304.30</b>	<b>Kg/Cm<sup>2</sup></b>			
58	Cement concrete cube of mix <b>M-25</b> , cast on 30/01/2023. for LHS Camrabhat IInd Lift/Behind Bonita bld Ist Lift.	28 th day compressive strength	299.01	Kg/Cm <sup>2</sup>	290.00 Kg/cm <sup>2</sup>	2.07	---do--
			296.75	Kg/Cm <sup>2</sup>			
			292.22	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>295.99</b>	<b>Kg/Cm<sup>2</sup></b>			

Copy to: 1. The Assistant Engineer, SDIV, 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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