

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :3623,3624,3658,3659,3678,/ Lab /20/ 2022 - 23 Dated:- 11/ 04/2022. Laboratory : Bicholim - Goa.
3679,3702,3703,3726,3727,3751,3752,3772,3773,3793,3794,3834 & 3835 Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Improvement to existing Nallah near Michael Lima house at Paitona, in Village Panchayat Salvador do Mundo in Porvorim Constituency.

Ref. to Requisition No.: SDI/WDI/WRD/F.57/21-22/611 Dated :- 21/ 03/ 2022.

Qty. Recived. : 18 Sets of cube Date of Receipt:- 26/ 03/ 2022. Tested on: 26,28,29,30 & 31/03/2022 & 01,02,04 & 06/04/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1: 2: 4 O.S No. :309,310,345,346,365,366,389,390,413,414,438,439,459 & 460/R.K. , 7987,7988,8036 & 8037/SS Lab. Sample No.: 3644 To 3661 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 1: 2: 4 , cast on 26/02/2022. For Foundation.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	7.87	Qty represents - 38.00 Cum for two sets of cube.
			217.47	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	226.53			
2	Cement concrete cube of mix 1: 2: 4 , cast on 26/02/2022. For Foundation.	28 th day compressive strength	242.38	Kg/Cm ²	210.00 Kg/cm ²	12.18	----- do -----
			233.32	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	235.59			
3	Cement concrete cube of mix 1: 2: 4 , cast on 28/02/2022. For Foundation.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	11.47	Qty represents - 37.00 Cum for two sets of cube.
			246.91	Kg/Cm ²			
			219.73	Kg/Cm ²			
			Average	234.08			
4	Cement concrete cube of mix 1: 2: 4 , cast on 28/02/2022. For Foundation.	28 th day compressive strength	242.38	Kg/Cm ²	210.00 Kg/cm ²	10.75	----- do -----
			210.67	Kg/Cm ²			
			244.65	Kg/Cm ²			
			Average	232.57			
5	Cement concrete cube of mix 1: 2: 4 , cast on 01/03/2022. For Foundation.	28 th day compressive strength	253.71	Kg/Cm ²	210.00 Kg/cm ²	15.42	Qty represents - 38.00 Cum for two sets of cube.
			233.32	Kg/Cm ²			
			240.12	Kg/Cm ²			
			Average	242.38			
6	Cement concrete cube of mix 1: 2: 4 , cast on 01/03/2022. For Foundation.	28 th day compressive strength	228.79	Kg/Cm ²	210.00 Kg/cm ²	9.67	----- do -----
			242.38	Kg/Cm ²			
			219.73	Kg/Cm ²			
			Average	230.30			

Junior Engineer

Assistant Engineer

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SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
7	Cement concrete cube of mix 1: 2: 4 , cast on 02/03/2022. For Foundation.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	7.51	Qty represents - 37.00 Cum for two sets of cube.
			224.26	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	225.77	Kg/Cm²			
8	Cement concrete cube of mix 1: 2: 4 , cast on 02/03/2022. For Foundation.	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	8.23	----- do -----
			235.59	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	227.28	Kg/Cm²			
9	Cement concrete cube of mix 1: 2: 4 , cast on 03/03/2022. For Foundation.	28 th day compressive strength	246.91	Kg/Cm ²	210.00 Kg/cm ²	12.18	Qty represents - 38.00 Cum for two sets of cube.
			233.32	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	235.59	Kg/Cm²			
10	Cement concrete cube of mix 1: 2: 4 , cast on 03/03/2022. For Foundation.	28 th day compressive strength	262.77	Kg/Cm ²	210.00 Kg/cm ²	16.50	----- do -----
			237.85	Kg/Cm ²			
			233.32	Kg/Cm ²			
		Average	244.65	Kg/Cm²			
11	Cement concrete cube of mix 1: 2: 4 , cast on 04/03/2022. For Foundation.	28 th day compressive strength	228.79	Kg/Cm ²	210.00 Kg/cm ²	13.62	Qty represents - 38.00 Cum for two sets of cube.
			253.71	Kg/Cm ²			
			233.32	Kg/Cm ²			
		Average	238.61	Kg/Cm²			
12	Cement concrete cube of mix 1: 2: 4 , cast on 04/03/2022. For Foundation.	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/cm ²	11.11	----- do -----
			215.20	Kg/Cm ²			
			251.44	Kg/Cm ²			
		Average	233.32	Kg/Cm²			
13	Cement concrete cube of mix 1: 2: 4 , cast on 05/03/2022. For Foundation.	28 th day compressive strength	244.65	Kg/Cm ²	210.00 Kg/cm ²	10.39	Qty represents - 37.00 Cum for two sets of cube.
			222.00	Kg/Cm ²			
			228.79	Kg/Cm ²			
		Average	231.81	Kg/Cm²			
14	Cement concrete cube of mix 1: 2: 4 , cast on 05/03/2022. For Foundation.	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/cm ²	6.79	----- do -----
			210.67	Kg/Cm ²			
			228.79	Kg/Cm ²			
		Average	224.26	Kg/Cm²			
15	Cement concrete cube of mix 1: 2: 4 , cast on 07/03/2022. For Foundation.	28 th day compressive strength	260.51	Kg/Cm ²	210.00 Kg/cm ²	15.42	Qty represents - 38.00 Cum for two sets of cube.
			240.12	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	242.38	Kg/Cm²			

Junior Engineer

Assistant Engineer

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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 1: 2: 4 , cast on 07/03/2022. For Foundation.	28 th day compressive strenath	217.47	Kg/Cm ²	210.00 Kg/cm ²	11.47	Qty represents - 38.00 Cum for two sets of cube.
			235.59	Kg/Cm ²			
			249.18	Kg/Cm ²			
		Average	234.08	Kg/Cm²			
17	Cement concrete cube of mix 1: 2: 4 , cast on 09/03/2022. For Foundation.	28 th day compressive strenath	244.65	Kg/Cm ²	210.00 Kg/cm ²	13.26	Qty represents - 37.00 Cum for two sets of cube.
			226.53	Kg/Cm ²			
			242.38	Kg/Cm ²			
		Average	237.85	Kg/Cm²			
18	Cement concrete cube of mix 1: 2: 4 , cast on 09/03/2022. For Foundation.	28 th day compressive strenath	226.53	Kg/Cm ²	210.00 Kg/cm ²	15.42	----- do -----
			246.91	Kg/Cm ²			
			253.71	Kg/Cm ²			
		Average	242.38	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD I , WD I , 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.

Junior Engineer

Assistant Engineer