

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 3535,3551,3568,3588,3602,3603,/ Lab / **345** / 2021 - 22 Dated:- 31/03/2022. Laboratory : Bicholim - Goa.
3636,3638,3660 & 3704 Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Improvement to existing nalla bank from Umakant Dhargalkar house up to Sheryl Hart house in ward no. 1, Mapusa Municipal Council Cuchelim in Mapusa Constituency.

Ref. to Requisition No.: WRD/SDII/WDI/F.24/2021-22/463 Dt.: -03/ 03/ 2022

Qty. Received. : 10 Sets of cube Date of Receipt:- 03/ 03 / 2022. Tested on: 22,23,24,25,26,27,,28,29 & 30/03/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix PCC 1:2:4 O.S No. :207,228,247,271,287,288,322,325,347 & 391/R.K , Lab. Sample No.: 3219 to 3228 Tested By: Mrs. R.R.Kadam A.E.

REPORT PAGE 01 OF 02

SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix CC 1:2:4 , cast on 22/02/2022. PCC for Foundation.	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	6.07	Qty represents - 17.00 Cum
			224.26	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	222.75			
2	Cement concrete cube of mix CC 1:2:4 , cast on 23/02/2022. PCC for Foundation.	28 th day compressive strength	228.79	Kg/Cm ²	210.00 Kg/cm ²	6.79	Qty represents - 18.00 Cum
			226.53	Kg/Cm ²			
			217.47	Kg/Cm ²			
			Average	224.26			
3	Cement concrete cube of mix CC 1:2:4 , cast on 24/02/2022. PCC for Foundation.	28 th day compressive strength	249.18	Kg/Cm ²	210.00 Kg/cm ²	11.11	Qty represents - 16.00 Cum
			224.26	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	233.32			
4	Cement concrete cube of mix CC 1:2:4 , cast on 25/02/2022. PCC for Foundation.	28 th day compressive strength	244.65	Kg/Cm ²	210.00 Kg/cm ²	20.45	Qty represents - 19.00 Cum
			253.71	Kg/Cm ²			
			260.51	Kg/Cm ²			
			Average	252.95			
5	Cement concrete cube of mix CC 1:2:4 , cast on 26/02/2022. PCC for 1st lift.	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	10.75	Qty represents - 22.00 Cum for two sets of cubes.
			235.59	Kg/Cm ²			
			244.65	Kg/Cm ²			
			Average	232.57			
6	Cement concrete cube of mix CC 1:2:4 , cast on 26/02/2022. PCC for 1st lift.	28 th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ²	7.15	----- do -----
			231.06	Kg/Cm ²			
			219.73	Kg/Cm ²			
			Average	225.02			

Assistant Engineer

REPORT PAGE 02 OF 02

SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
7	Cement concrete cube of mix CC 1:2:4 , cast on 27/02/2022. PCC for 1st lift.	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/cm ²	13.62	Qty represents - 20.00 Cum
			240.12	Kg/Cm ²			
			242.38	Kg/Cm ²			
		Average	238.61	Kg/Cm²			
8	Cement concrete cube of mix CC 1:2:4 , cast on 28/02/2022. PCC for 2nd lift.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	9.67	Qty represents - 18.00 Cum
			228.79	Kg/Cm ²			
			224.26	Kg/Cm ²			
		Average	230.30	Kg/Cm²			
9	Cement concrete cube of mix CC 1:2:4 , cast on 01/03/2022. PCC for 2nd lift.	28 th day compressive strength	249.18	Kg/Cm ²	210.00 Kg/cm ²	13.62	Qty represents - 19.00 Cum
			237.85	Kg/Cm ²			
			228.79	Kg/Cm ²			
		Average	238.61	Kg/Cm²			
10	Cement concrete cube of mix CC 1:2:4 , cast on 02/03/2022. PCC for 3rd lift.	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	13.26	Qty represents - 18.00 Cum
			253.71	Kg/Cm ²			
			240.12	Kg/Cm ²			
		Average	237.85	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD II , WDI , WRD, Mapusa, Bardez - 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.

Assistant Engineer