

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :2993,2994,3000, 3001,3017,/ Lab /**276**/ 2021 - 22 Dated:- 02/ 02/2022.
3018,3042,3043,3055 & 3056

Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of protection wall near St. Anthony Church Siolim-Marna in Siolim Constituency.

Ref. to Requisition No.: SDI/WDI/WRD/F.57/21-22/516 Dated :- 05/ 01/ 2022.

Qty. Recived. : 10 Sets of cube Date of Receipt:- 19/ 01/ 2022. Tested on: 19,20,21,24 & 26/01/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1: 2: 4 O.S No. :7401,7402,7411,7412,7428,7429,7460,7461,7480 & 7481/SS Lab. Sample No.: 2785 To 2794 Tested By: 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 1:2:4 , cast on 22/12/2021. For Foundation & Plinth.	28 th day compressive strength	222.00	Kg/Cm ²	210.00 Kg/cm ²	6.79	Qty represents - 28.00 Cum for two sets of cube.
			206.14	Kg/Cm ²			
			244.65	Kg/Cm ²			
			Average	224.26			
2	Cement concrete cube of mix 1:2:4 , cast on 22/12/2021. For Foundation & Plinth.	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	9.31	----- do -----
			219.73	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	229.55			
3	Cement concrete cube of mix 1:2:4 , cast on 23/12/2021. For Foundation & Plinth.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	7.51	Qty represents - 30.00 Cum for two sets of cube.
			237.85	Kg/Cm ²			
			212.93	Kg/Cm ²			
			Average	225.77			
4	Cement concrete cube of mix 1:2:4 , cast on 23/12/2021. For Foundation & Plinth.	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ²	6.07	----- do -----
			224.26	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	222.75			
5	Cement concrete cube of mix 1:2:4 , cast on 24/12/2021. For 1st & 2nd Lift.	28 th day compressive strength	222.00	Kg/Cm ²	210.00 Kg/cm ²	4.27	Qty represents - 32.00 Cum for two sets of cube.
			210.67	Kg/Cm ²			
			224.26	Kg/Cm ²			
			Average	218.98			
6	Cement concrete cube of mix 1:2:4 , cast on 24/12/2021. For 1st & 2nd Lift.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	4.99	----- do -----
			215.20	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	220.49			

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 1 : 2 : 4 , cast on 27/12/2021. For Foundation & Plinth.	28 th day compressive strenath	226.53	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 26.00 Cum for two sets of cube.
			212.93	Kg/Cm ²			
			219.73	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
8	Cement concrete cube of mix 1 : 2 : 4 , cast on 27/12/2021. For Foundation & Plinth.	28 th day compressive strenath	208.40	Kg/Cm ²	210.00 Kg/cm ²	5.71	----- do -----
			219.73	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	222.00	Kg/Cm²			
9	Cement concrete cube of mix 1 : 2 : 4 , cast on 29/12/2021. For 1st & 2nd Lift.	28 th day compressive strenath	226.53	Kg/Cm ²	210.00 Kg/cm ²	10.39	Qty represents - 24.00 Cum for two sets of cube.
			237.85	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	231.81	Kg/Cm²			
10	Cement concrete cube of mix 1 : 2 : 4 , cast on 29/12/2021. For 1st & 2nd Lift.	28 th day compressive strenath	235.59	Kg/Cm ²	210.00 Kg/cm ²	6.07	----- do -----
			217.47	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	222.75	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