

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 6850,6994,6997,7149,7185 & 7231/ Lab / **202** / 2019 - 20 Dated:- 18/06 / 2019 Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of Outlets and Field channels for D.O.R.-19, D.O.R. -20 and D.O.R.-21 of S.D.C. of L.B.M.C. of T.I.P. at Karapur in Bicholim Taluka.

Ref. to Requisition No.: WRD /WD VIII / SD VI / F.251 / 2019-20 /20 dated :- 22 / 05 / 2019.

Qty. Received. : 06 Sets of cube Date of Receipt:- 22 / 05 / 2019. Tested on: -28/ 05 /2019 To 14/06/2019 as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube Mix 1 : 2 : 4 & 1 : 3 : 6 O.S No. : 789/AF,594/SP, 2056,2199,2221,2244/SS. Lab. Sample No.: 4815 To 4820 Tested By: Mr S. M. Patri A.E.

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Mr. Anil R. Fadte JE, & Mrs. S.B. Naik Shirodkar. J.E.

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 30/04/2019, for chambers and fall chambers.	28 th day	226.53	Kg/Cm ²	210.00 Kg/cm ²	4.99	Qty represents - 7.00 Cum.
		compressive strength	215.20	Kg/Cm ²			
			219.73	Kg/Cm ²			
		Average	220.49	Kg/Cm²			
2	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 05/05/2019, for chambers and fall chambers.	28 th day	237.85	Kg/Cm ²	210.00 Kg/cm ²	18.30	Qty represents - 8.00 Cum.
		compressive strength	249.18	Kg/Cm ²			
			258.24	Kg/Cm ²			
		Average	248.42	Kg/Cm²			
3	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 07/05/2019, for chambers.	28 th day	246.91	Kg/Cm ²	210.00 Kg/cm ²	17.94	Qty represents - 7.50 Cum.
		compressive strength	237.85	Kg/Cm ²			
			258.24	Kg/Cm ²			
		Average	247.67	Kg/Cm²			
4	Plain Cement concrete cube of mix 1 : 3 : 6 , cast on 13/05/2019, for Fall chambers of Outlet No. 19 and 21.	28 th day	147.24	Kg/Cm ²	100.00 Kg/cm ²	17.79	Qty represents - 10.00 Cum.
		compressive strength	101.94	Kg/Cm ²			
			104.20	Kg/Cm ²			
		Average	117.79	Kg/Cm²			
5	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 15/05/2019, for pedestals of Outlet No. 21.	28 th day	233.32	Kg/Cm ²	210.00 Kg/cm ²	4.27	Qty represents - 9.00 Cum.
		compressive strength	208.40	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	218.98	Kg/Cm²			
6	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 17/05/2019, for pedestals of Outlet No. 19.	28 th day	219.73	Kg/Cm ²	210.00 Kg/cm ²	4.27	Qty represents - 6.00 Cum.
		compressive strength	203.87	Kg/Cm ²			
			233.32	Kg/Cm ²			
		Average	218.98	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SDVI , WD VIII, WRD, Bicholim - 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 VIII ,WRD, Karaswada -Bardez - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer