

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :8656, 8677 & 8678 / Lab / **420** / 2019 - 20 Dated:- 01/02/ 2020 Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of Outlets and field channels of R - Minor 7 at chainage. 7.930 km of SDC of LBMC of TIP at village Sarvan in Bicholim Taluka.

Ref. to Requisition No.: WRD /WD VIII / SD VI / F.256 / 2019-20/133 dated :- 06 / 01 / 2020.

Qty. Recived. : - 03 Sets of cube Date of Receipt :- 06 / 01 / 2020. Tested on : - 30/ 01 / 2020 & 31/01/2020 . Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1 : 2 : 4 & 1:3:6 O.S No. : 3133/SS,1652 & 1653 /AF. Lab. Sample No.: 7496 To 7498 Tested By: Mrs. S.B. Naik Shirodkar. J.E. & Mr. Anil.R. Fadte J.E.

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Plain Cement concrete cube of mix 1 : 3 : 6 , cast on 02 / 01 / 2020, PCC for Bed concrete below pipe of Direct Outlet of R-Minor 7 .	28 th day compressive strength	135.92	Kg/Cm ²	100.00 Kg/cm ²	27.61	Qty represents - 6.00 Cum.
			126.85	Kg/Cm ²			
			120.06	Kg/Cm ²			
		Average	127.61	Kg/Cm²			
2	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 03 / 01 / 2020, PCC for Chamber walls, pedestals & half round pipe pillars.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	14.70	Qty represents - 40.00 Cum for two sets of cubes cast on 03/01/2020.
			242.38	Kg/Cm ²			
			253.71	Kg/Cm ²			
		Average	240.87	Kg/Cm²			
3	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 03 / 01 / 2020, PCC for Chamber walls, pedestals & half round pipe pillars.	28 th day compressive strength	228.79	Kg/Cm ²	210.00 Kg/cm ²	10.03	... Do
			219.73	Kg/Cm ²			
			244.65	Kg/Cm ²			
		Average	231.06	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