

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 9094,9120,9136,9169,9177 / Lab / **492** / 2019 - 20 Dated:- 17 / 03/ 2020 Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of Branches 1,2 & 3 and field channels of Bastora Minor - I off Taking at Ch. 33.610 km of LBMC of TIP at Bastora Village of Bardez Taluka.

Ref. to Requisition No.: WRD /WD VIII / SD III / W F.52 /2019-20/ **302** dated :- 05 / 03 / 2020.

Qty. Recived. : 05 Sets of cube Date of Receipt:- 05 / 03 / 2020. Tested on: - 09 /03/2020 To 16/03/2020 as per due dates.

Sample: Cube Mix 1 : 2 : 4 O.S No. : 3417,3446,3459/SS,639/SP,3476/SS. Lab. Sample No.: 8276 To 8280 Ref to CPWD :2009, Vol. I

Tested By: Mrs. S.B. Naik Shirodkar. J.E. & Mr. S.M.Patri. A.E.

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 10/02/2020, PCC for chambers for outlet .	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	7.51	Qty represents - 20.00 Cum
			219.73	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	225.77	Kg/Cm²			
2	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 12/02/2020, PCC for chambers for outlet .	28 th day compressive strength	240.12	Kg/Cm ²	210.00 Kg/cm ²	15.06	Qty represents - 20.00 Cum
			253.71	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	241.63	Kg/Cm²			
3	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 13/02/2020, PCC for chambers for outlet .	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	7.51	Qty represents - 20.00 Cum
			226.53	Kg/Cm ²			
			219.73	Kg/Cm ²			
		Average	225.77	Kg/Cm²			
4	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 15/02/2020, PCC for chambers for outlet .	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	6.43	Qty represents - 16.00 Cum
			226.53	Kg/Cm ²			
			228.79	Kg/Cm ²			
		Average	223.51	Kg/Cm²			
5	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 17/02/2020, PCC for chambers for outlet & Nallah retaining wall .	28 th day compressive strength	222.00	Kg/Cm ²	210.00 Kg/cm ²	9.67	Qty represents - 13.00 Cum
			237.85	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	230.30	Kg/Cm²			

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

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer