

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 9543,9544,9568,9569,9624 & 9650 / Lab / **25** / 2020 - 21 Dated:- 26 / 05 / 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 /2020-21/20 dated :-20 / 05 / 2020.

Qty. Recived. : 06 Set of cube Date of Receipt:- 21/ 05 / 2020. Tested on: - 21 /05/2020 To 26/05/ 2020 As per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1 : 2 : 4 O.S No. : 3644,3645,3657,3658,3686,3695/SS. Lab. Sample No.: 8812 To 8817 Tested By: Mrs. S.B. Naik Shirodkar. J.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 23/04/2020. PCC for retaining wall for Road along nallah.(S20)	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/cm ²	7.87	Represents Qty - 15.00 Cum.
			219.73	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	226.53	Kg/Cm²			
2	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 23/04/2020. PCC for retaining wall for Road along nallah.(S21)	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	6.43	Represents Qty - 15.00 Cum.
			228.79	Kg/Cm ²			
			210.67	Kg/Cm ²			
		Average	223.51	Kg/Cm²			
3	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 24/04/2020. PCC for retaining wall for Road along nallah.(S22)	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	4.99	Represents Qty - 20.00 Cum.
			219.73	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	220.49	Kg/Cm²			
4	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 24/04/2020. PCC for retaining wall for Road along nallah.(S23)	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	11.47	Represents Qty - 14.00 Cum.
			231.06	Kg/Cm ²			
			244.65	Kg/Cm ²			
		Average	234.08	Kg/Cm²			
5	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 27/04/2020. PCC for retaining wall for Road along field.(S24)	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	6.07	Represents Qty - 20.00 Cum.
			224.26	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	222.75	Kg/Cm²			
6	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 28/04/2020. PCC for retaining wall for Road along field.(S25)	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	8.59	Represents Qty - 20.00 Cum.
			237.85	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	228.04	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