

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 2073,2085,2097,2115,2136 / Lab / 98 / 2021 - 22 Dated:-07/06/ 2021. 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-offtaking at Ch.33.610km of LBMC of TIP at Bastora village of Bardez Taluka.

Ref. to Requisition No.: SD III/WDVIII/WRD/WF.52/21-22/50 Dated :- 25/ 05/ 2021.

Qty. Received. :05 Sets of cube Date of Receipt:- 26/05/ 2021. Tested on: -26,28,21/05/2021 & 02,04/06/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. : 6301,6315,6334,6354,6366/ SS. Lab. Sample No.: 1611 to 1615 Tested By: Mrs. 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 28/04/2021.For Sluice valve chamber of BR-2, Sluice valve chamber OR2, OL2 & OL3 of BR-2 branch.	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	6.79	Qty represents -18.00 Cum.
			215.20	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	224.26			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 30/04/2021.For Sluice valve chamber of OL3, OR3 , OL4 & OL5 of BR-2 branch.	28 th day compressive strength	244.65	Kg/Cm ²	210.00 Kg/cm ²	12.54	Qty represents -20.00 Cum.
			226.53	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	236.34			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 03/05/2021.For Sluice value chamber of BR-1,Sluice value chamber OL1 & OL2 of BR-1 branch and OR-3 of Bastora Minor-1.	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	5.35	Qty represents -15.00 Cum.
			208.40	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	221.24			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 05/05/2021.For Protection wall/reinstatement for BR-1 nallah crossing.	28 th day compressive strength	240.12	Kg/Cm ²	210.00 Kg/cm ²	8.59	Qty represents -13.00 Cum.
			231.06	Kg/Cm ²			
			212.93	Kg/Cm ²			
			Average	228.04			
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 07/05/2021.For OL3,OL4 Sluice value chamber of BR-1,BR-3 value chamber,OR4 & OR5 sluice value chamber of Bastora Minor-1 and OT of BR-3.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	11.11	Qty represents -18.00 Cum.
			246.91	Kg/Cm ²			
			217.47	Kg/Cm ²			
			Average	233.32			

Copy to: 1. The Assistant Engineer , SD III , WD VIII, 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, Karaswada-Bardez - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer