

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 1702,1708,1724,1730,1737 / Lab / **37** / 2021 - 22 Dated:- 28/04/ 2021. Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work :Construction of Anjuna Distributory taking off at ch.28.970km of the left Bank Main canal of Tillari irrigation Project in Siolim & Anjuna village of Bardez Taluka.part II:Construction of Rising Main and reinstatement of allied structures of Anjuna Distributory from ch.0.0kms to ch.4.50kms in Cucholim and Siolim village of Bardez Taluka.

Ref. to Requisition No.: SD III/WDVIII/WRD/WF.32(PART-II)/20-21/325 Dated :- 24/ 03/ 2021.

Qty. Recived. :05 Sets of cube Date of Receipt:- 24/03/ 2021. Tested on: -15,16,17,19 & 20/04/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. :5872,5880,5901,5912,5921/ SS. Lab. Sample No.:998 to 1002 Tested By: Mrs. Shirodkar. J.E.

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix 1 : 2 : 4 , cast on 18/03/2021.For R/wall at Cucholim bridge. Ch.0-28.0m bed PCC.	28 th day compressive strength	222.00	Kg/Cm ²	210.00 Kg/cm ²	10.03	Qty represents -19.50 Cum.
			226.53	Kg/Cm ²			
			244.65	Kg/Cm ²			
		Average	231.06	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 19/03/2021.For R/wall at Cucholim bridge. Ch.28-60.0m bed PCC.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	3.20	Qty represents -18.50 Cum.
			217.47	Kg/Cm ²			
			217.47	Kg/Cm ²			
		Average	216.71	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 20/03/2021.For R/wall at Cucholim bridge. Ch.0-10.0m Foundation.	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/cm ²	6.07	Qty represents -20.00 Cum.
			222.00	Kg/Cm ²			
			212.93	Kg/Cm ²			
		Average	222.75	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 22/03/2021.For R/wall at Cucholim bridge. Ch.10-20.0m Foundation.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	7.87	Qty represents -19.00 Cum.
			212.93	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	226.53	Kg/Cm²			
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 23/03/2021.For R/wall at Cucholim bridge. Ch.20-30.0m Foundation.	28 th day compressive strength	228.79	Kg/Cm ²	210.00 Kg/cm ²	12.54	Qty represents -20.50 Cum.
			253.71	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	236.34	Kg/Cm²			

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