

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 788,795,819,828 / Lab / **218** / 2020 - 21 Dated:- 01/02 / 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 III:construction of Rising Main from ch.4.50. kms to ch.7.290 kms,Break Pressure tank(BPT), Gravity main from ch0.00m kms and reinstatement of allied structures of Anjuna Distributory in Siolim and Assagao village of Bardez Taluka.

Ref. to Requisition No.: SD III/WDVIII/WRD/WF.32(PART-III)/2020/21/268 Dated :- 25/ 01/ 2021.

Qty. Received. :04 Sets of cube Date of Receipt:- 25/01/ 2021. Tested on: -27,28,29,30/01/2021as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. : 4806,4816,4841,4851/SS. Lab. Sample No.: 203 To 206 Tested By: Mrs. S.B. Naik 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 20/01/2021. Foundation for culvert wall (RHS) at Muskan chicken centre.	7 th day compressive strength	151.77	Kg/Cm ²	140.00 Kg/cm ²	11.65	1)Qty represents -11.00 Cum. 2)28th day test due on 17/02/2021
			163.10	Kg/Cm ²			
			154.04	Kg/Cm ²			
		Average	156.30	Kg/Cm²			
2	Cement concrete cube of mix 1 :2 : 4 , cast on 21/01/2021. Foundation for culvert wall (LHS) at Muskan chicken centre.	7 th day compressive strength	156.30	Kg/Cm ²	140.00 Kg/cm ²	18.12	1)Qty represents -10.50 Cum. 2)28th day test due on 18/02/2021
			158.57	Kg/Cm ²			
			181.22	Kg/Cm ²			
		Average	165.36	Kg/Cm²			
3	Cement concrete cube of mix 1 :2 : 4 , cast on 22/01/2021. For 1st lift of culvert wall RHS.	7 th day compressive strength	163.10	Kg/Cm ²	140.00 Kg/cm ²	7.87	1)Qty represents -7.00 Cum. 2)28th day test due on 19/02/2021
			154.04	Kg/Cm ²			
			135.92	Kg/Cm ²			
		Average	151.02	Kg/Cm²			
4	Cement concrete cube of mix 1 :2 : 4 , cast on 23/01/2021. For 1st lift of culvert wall LHS.	7 th day compressive strength	135.92	Kg/Cm ²	140.00 Kg/cm ²	6.25	1)Qty represents -7.50 Cum. 2)28th day test due on 20/02/2021
			156.30	Kg/Cm ²			
			154.04	Kg/Cm ²			
		Average	148.75	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD III , 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