

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 750,751,786,787 / Lab / **235** / 2020 - 21 Dated:- 10/02 / 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

Ref. to Requisition No.: S.D.III/ W.D.VIII /WRD /W F.32(PART-III) /2020-21/ 265 Dated :- 20/01 / 2021.

Qty. Recived. :4 Sets of cube Date of Receipt:- 20/01 / 2021. Tested on: -22/01/2021 & 27/01/2021, as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. : 4766,4767,4804,4805. Lab. Sample No.: 135 To 138 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 25/12/2020. For Air valve chamber at ch.4.80kms, foundation.	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	17.22	Qty represents - 4.50 Cum.
			249.18	Kg/Cm ²			
			258.24	Kg/Cm ²			
			Average	246.16			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 25/12/2020.for Air valve chamber at ch.4.80kms, foundation.	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	10.75	Qty represents - 4.50 Cum.
			231.06	Kg/Cm ²			
			246.91	Kg/Cm ²			
			Average	232.57			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 30/12/2020.for Air valve chamber at ch.4.80kms, 1 st lift.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	4.99	Qty represents - 3.50 Cum.
			237.85	Kg/Cm ²			
			208.40	Kg/Cm ²			
			Average	220.49			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 30/12/2020. For Air valve chamber at ch.4.80kms, 1 st lift.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	7.51	Qty represents - 3.50 Cum.
			233.32	Kg/Cm ²			
			208.40	Kg/Cm ²			
			Average	225.77			

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