

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 9485,9487,9491,9524,9560,9672 & 9699 / Lab / **44** / 2020 - 21 Dated:- 05/ 06 / 2020 Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of Anjuna Distributory taking off at ch. 28.97 km of the L.B.M.C. of T.I. P. in Siolim & Anjuna Village of Bardez Taluka. Part III :Construction of Rising main from ch.4.50 km to ch. 7.29 kms, Break Pressure Tank (BPT), Gravity Main from ch.0.00km to ch. 1.00 kms and reinstatement of allied structures for Anjuna Distributory in Siolim and Assagao Village of Bardez Taluka.

Ref. to Requisition No.: WRD /WD VIII / SD III / W F.32 /(PART -III)/2020-21/12 dated :-14 / 05 / 2020.

Qty. Recived. : 07 Sets of cube Date of Receipt:- 14 / 05 / 2020. Tested on: - 15/05/2020 TO 28 /05/2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 & 1 : 1.5 : 3 O.S No. : 3587,3593,3601,3628,3652,3704 & 3714/SS. Lab. Sample No.: 8638 TO 8644

Tested By: Mrs. S.B. Naik 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 17/04/2020, for nallah wall at chappel. (S7)	28 th day compressive strength	258.24	Kg/Cm ²	210.00 Kg/cm ²	16.86	Qty represents - 8.00 Cum.
			231.06	Kg/Cm ²			
			246.91	Kg/Cm ²			
		Average	245.40	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 18/04/2020, for CD's from ch. 7.27 -6.50 kms. (S8)	28 th day compressive strength	260.51	Kg/Cm ²	210.00 Kg/cm ²	18.30	Qty represents - 7.50 Cum.
			235.59	Kg/Cm ²			
			249.18	Kg/Cm ²			
		Average	248.42	Kg/Cm²			
3	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 20/04/2020, for Anchor blocks. (S9)	28 th day compressive strength	262.77	Kg/Cm ²	265.00 Kg/cm ²	5.14	Qty represents - 15.00 Cum.
			280.89	Kg/Cm ²			
			292.22	Kg/Cm ²			
		Average	278.63	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 22/04/2020, for thrust block, PCC ch. 7.27 -6.50 kms. (S10)	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	8.23	Qty represents - 6.00 Cum.
			237.85	Kg/Cm ²			
			217.47	Kg/Cm ²			
		Average	227.28	Kg/Cm²			

Junior Engineer

Assistant Engineer

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 24/04/2020, for pipe encasing at Siolim market jn. (S11)	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	10.39	Qty represents - 13.00 Cum.
			226.53	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	231.81			
6	Cement concrete cube of mix 1:1.5 : 3 , cast on 29/04/2020, for thrust block, ch. 7.27 -6.50 kms. (S12)	28 th day compressive strength	285.42	Kg/Cm ²	265.00 Kg/cm ²	10.27	Qty represents - 18.00 Cum.
			299.01	Kg/Cm ²			
			292.22	Kg/Cm ²			
			Average	292.22			
7	Cement concrete cube of mix 1 : 2 : 4 , cast on 30/04/2020, for CD's from ch. 4.80 -4.50 kms. (S13)	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	15.06	Qty represents - 5.00 Cum.
			258.24	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	241.63			

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