

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 335 to 344 / Lab /171/ 2020 - 21 Dated:- 17 / 12 / 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 kms to Ch. 7.290 Kms, Break Pressure tank (BPT), Gravity main from Ch. 0.00 Kms to Ch. 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)/2020-21/207 dated :-28 / 11 / 2020.

Qty. Recived. : 10 Sets of cube Date of Receipt:- 28 / 11 / 2020. Tested on: - 28/11/2020 To 01 /12/2020 Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1 : 1.5 : 3 O.S No. : 4295, 4296, 4297, 4299, 4300, 4304, 4305, 4306, 4313 & 4314/SS. Lab. Sample No.: 9620 TO 9629

Tested By: Mrs. S.B. Naik Shirodkar. J.E.

REPORT PAGE 01 OF 02

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 31/10/2020, for 90 deg Thrust block at PHC. (S25)	28 th day compressive strength	283.16	Kg/Cm ²	265.00 Kg/cm ²	6.85	Qty represents - 20.00 Cum.
			271.83	Kg/Cm ²			
			294.48	Kg/Cm ²			
		Average	283.16	Kg/Cm²			
2	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 31/10/2020, for 90 deg Thrust block at PHC. (S26)	28 th day compressive strength	276.36	Kg/Cm ²	265.00 Kg/cm ²	3.43	Qty represents - 21.00 Cum.
			287.69	Kg/Cm ²			
			258.24	Kg/Cm ²			
		Average	274.10	Kg/Cm²			
3	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 31/10/2020, for 90 deg Thrust block at PHC. (S27)	28 th day compressive strength	271.83	Kg/Cm ²	265.00 Kg/cm ²	3.72	Qty represents - 18.00 Cum.
			262.77	Kg/Cm ²			
			289.95	Kg/Cm ²			
		Average	274.85	Kg/Cm²			
4	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 01/11/2020, for 90 deg Thrust block at PHC. (S28)	28 th day compressive strength	274.10	Kg/Cm ²	265.00 Kg/cm ²	5.14	Qty represents - 18.00 Cum.
			294.48	Kg/Cm ²			
			267.30	Kg/Cm ²			
		Average	278.63	Kg/Cm²			

Junior Engineer

Assistant Engineer

REPORT PAGE 02 OF 02							
5	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 01/11/2020, for 90 deg Thrust block at PHC. (S29)	28 th day compressive strength	276.36	Kg/Cm ²	265.00 Kg/cm ²	2.86	Qty represents - 13.00 Cum.
			280.89	Kg/Cm ²			
			260.51	Kg/Cm ²			
		Average	272.59	Kg/Cm²			
6	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 02/11/2020, for 90 deg Thrust block at Siolim market. (S30)	28 th day compressive strength	296.75	Kg/Cm ²	265.00 Kg/cm ²	9.70	Qty represents - 17.00 Cum.
			283.16	Kg/Cm ²			
			292.22	Kg/Cm ²			
		Average	290.71	Kg/Cm²			
7	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 02/11/2020, for 90 deg Thrust block at Siolim market. (S31)	28 th day compressive strength	265.04	Kg/Cm ²	265.00 Kg/cm ²	6.00	Qty represents - 20.00 Cum.
			289.95	Kg/Cm ²			
			287.69	Kg/Cm ²			
		Average	280.89	Kg/Cm²			
8	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 02/11/2020, for 90 deg Thrust block at Siolim market. (S32)	28 th day compressive strength	271.83	Kg/Cm ²	265.00 Kg/cm ²	2.58	Qty represents - 19.00 Cum.
			262.77	Kg/Cm ²			
			280.89	Kg/Cm ²			
		Average	271.83	Kg/Cm²			
9	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 03/11/2020, for 90 deg Thrust block at Siolim market. (S33)	28 th day compressive strength	294.48	Kg/Cm ²	265.00 Kg/cm ²	6.00	Qty represents - 20.00 Cum.
			267.30	Kg/Cm ²			
			280.89	Kg/Cm ²			
		Average	280.89	Kg/Cm²			
10	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 03/11/2020, for 90 deg Thrust block at Siolim market. (S34)	28 th day compressive strength	292.22	Kg/Cm ²	265.00 Kg/cm ²	4.29	Qty represents - 14.00 Cum.
			278.63	Kg/Cm ²			
			258.24	Kg/Cm ²			
		Average	276.36	Kg/Cm²			

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