

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 1487,1507,1516,1556,1557 / Lab / **325** / 2020 - 21 Dated:- 12/04/ 2021. Laboratory : Bicholim - Goa.
Sub Division V (OC)/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: -25,26,27,29 & 30/03/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. :5619,5642,5654,5695,5696/ 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.	7 th day compressive strength	144.98	Kg/Cm ²	140.00 Kg/cm ²	14.88	1)Qty represents -19.50 Cum. 2)28th day test due on 15/04/2021.
			174.43	Kg/Cm ²			
			163.10	Kg/Cm ²			
			Average	160.83			
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.	7 th day compressive strength	156.30	Kg/Cm ²	140.00 Kg/cm ²	6.25	1)Qty represents -18.50 Cum. 2)28th day test due on 16/04/2021.
			135.92	Kg/Cm ²			
			154.04	Kg/Cm ²			
			Average	148.75			
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.	7 th day compressive strength	140.45	Kg/Cm ²	140.00 Kg/cm ²	14.34	1)Qty represents -20.00 Cum. 2)28th day test due on 17/04/2021.
			158.57	Kg/Cm ²			
			181.22	Kg/Cm ²			
			Average	160.08			
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.	7 th day compressive strength	167.63	Kg/Cm ²	140.00 Kg/cm ²	12.18	1)Qty represents -19.00 Cum. 2)28th day test due on 19/04/2021.
			147.24	Kg/Cm ²			
			156.30	Kg/Cm ²			
			Average	157.06			
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.	7 th day compressive strength	163.10	Kg/Cm ²	140.00 Kg/cm ²	12.72	1)Qty represents -20.50 Cum. 2)28th day test due on 20/04/2021.
			154.04	Kg/Cm ²			
			156.30	Kg/Cm ²			
			Average	157.81			

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