

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 1611,1624,1625,1646,1659,1678 / Lab / **11** / 2021 - 22 Dated:- 16 /04/ 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 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)/21-22/09 Dated :- 07/ 04/ 2021.

Qty. Recived. :06 Sets of cube Date of Receipt:- 07/04/ 2021. Tested on: -07,08,10,12 & 13/04/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. : 5773,5787,5788,5813,5827,5847/ SS. Lab. Sample No.: 1116 to 1121 Tested By: Mrs. Shirodkar. J.E.

REPORT PAGE 01 OF 01

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 31/03/2021.For R/wall at Cucholim bridge. Ch.13.00-26.5m 1 st lift.	7 th day compressive strength	147.24	Kg/Cm ²	140.00 Kg/cm ²	10.03	1)Qty represents -20.50 Cum. 2)28th day test due on 28/04/2021.
			169.89	Kg/Cm ²			
			144.98	Kg/Cm ²			
		Average	154.04	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 01/04/2021.For R/wall at Cucholim bridge. Ch.26.50-60.0m 1 st lift.	7 th day compressive strength	181.22	Kg/Cm ²	140.00 Kg/cm ²	23.51	1)Qty represents -20.00 Cum. 2)28th day test due on 29/04/2021.
			174.43	Kg/Cm ²			
			163.10	Kg/Cm ²			
		Average	172.92	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 01/04/2021.For R/wall at Cucholim bridge. Ch.26.50-60.0m 1 st lift.	7 th day compressive strength	174.43	Kg/Cm ²	140.00 Kg/cm ²	16.50	1)Qty represents -19.00 Cum. 2)28th day test due on 29/04/2021.
			158.57	Kg/Cm ²			
			156.30	Kg/Cm ²			
		Average	163.10	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 03/04/2021.For R/wall at Cucholim bridge. Ch.0-17.50m 2 nd lift.	7 th day compressive strength	160.83	Kg/Cm ²	140.00 Kg/cm ²	12.72	1)Qty represents -20.00 Cum. 2)28th day test due on 01/05/2021.
			147.24	Kg/Cm ²			
			165.36	Kg/Cm ²			
		Average	157.81	Kg/Cm²			
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 05/04/2021.For R/wall at Cucholim bridge. Ch.17.50-35.0m 2 nd lift.	7 th day compressive strength	154.04	Kg/Cm ²	140.00 Kg/cm ²	11.65	1)Qty represents -18.50 Cum. 2)28th day test due on 03/05/2021.
			169.89	Kg/Cm ²			
			144.98	Kg/Cm ²			
		Average	156.30	Kg/Cm²			
6	Cement concrete cube of mix 1 : 2 : 4 , cast on 06/04/2021.For R/wall at Cucholim bridge. Ch.35.0-51.50m 2 nd lift.	7 th day compressive strength	144.98	Kg/Cm ²	140.00 Kg/cm ²	13.26	1)Qty represents -20.00 Cum. 2)28th day test due on 04/05/2021.
			172.16	Kg/Cm ²			
			158.57	Kg/Cm ²			
		Average	158.57	Kg/Cm²			

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