

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 1237,1253,1297,1301 / Lab / **297** / 2020 - 21 Dated:- 16/03/2021. 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)/20-21/305 Dated :- 08/03/2021.

Qty. Received. :04 Sets of cube Date of Receipt:- 08/03/2021. Tested on: -08,10,12 & 13/03/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 & 1:1.5:3 O.S No. : 5327,5345,5397,5403/ SS. Lab. Sample No.:757 to 760 Tested By: Mrs. S.B. Naik 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 01/03/2021.For CD's at Ch.2.99km and 3.00kms (at suvidha masala factory) in LHS.	7 th day compressive strength	135.92	Kg/Cm ²	140.00 Kg/cm ²	6.79	1)Qty represents -10.30 Cum. 2)28th day test due on 29/03/2021.
			158.57	Kg/Cm ²			
			154.04	Kg/Cm ²			
		Average	149.51	Kg/Cm²			
2	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 03/03/2021. For Thrust block.At pump house.	7 th day compressive strength	185.75	Kg/Cm ²	175.00 Kg/cm ²	3.99	1)Qty represents -20.00 Cum. 2)28th day test due on 31/03/2021.
			167.63	Kg/Cm ²			
			192.55	Kg/Cm ²			
		Average	181.98	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 05/03/2021.For Retaining wall at Holy cross church Marna-1 st lift and CD's at Ch.2.99km and 3.00kms (at suvidha masala factory) in RHS.	7 th day compressive strength	147.24	Kg/Cm ²	140.00 Kg/cm ²	6.25	1)Qty represents -17.00 Cum. 2)28th day test due on 02/04/2021.
			163.10	Kg/Cm ²			
			135.92	Kg/Cm ²			
		Average	148.75	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 06/03/2021.For Retaining wall at Holy cross church Marna-2 nd lift.	7 th day compressive strength	154.04	Kg/Cm ²	140.00 Kg/cm ²	10.57	1)Qty represents -16.50 Cum. 2)28th day test due on 03/04/2021.
			165.36	Kg/Cm ²			
			144.98	Kg/Cm ²			
		Average	154.79	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