

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7940,7942,7943 & 7947/ Lab / **296** / 2019 - 20 Dated:- 11 / 11 / 2019 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 Left bank main canal of Tillari Irrigation Project in Siolim & Anjuna Village of Bardez Taluka. Part I : Construction of pump house, manifold and supply & installation of pumps and motors, Transformer Sub station , Electrical accessories and internal wiring for Anjuna Distributory near Ch. 28.970 Kms of L.B.M.C. of T.I.P. at Cucholim Village of Bardez Taluka.

Ref. to Requisition No.: WRD /WD VIII / SD III / W F.32 /(PART -I)/2019-20/ **173** dated :- 31 / 10 / 2019.

Qty. Recived. : 04 Set of cube Date of Receipt:- 01 / 11 / 2019. Tested on: - 02 /11/2019 To 11/11/2019 as per due dates Ref to CPWD :2002, Vol. I

Sample: Cube Mix **1 : 2 : 4 & 1 : 1.5 : 3** O.S No. : 2742,2745,2746 & 2748 /SS. Lab. Sample No.: 6864 To 6867 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible		REMARK
1	Cement concrete cube of mix 1 : 2 : 4 , cast on 05/10/2019, for Retaining wall at Carpenter - 1 st Lift. (S28)	28 th day compressive strength	271.83	Kg/Cm ²	210.00 Kg/cm ²	25.13	Qty represents -38.00 Cum.
			260.51	Kg/Cm ²			
			255.97	Kg/Cm ²			
		Average	262.77	Kg/Cm²			
2	Reinforced Cement concrete cube of mix 1 : 1.5 : 3 , cast on 09/10/2019, for Columns C8 to C13 - First floor (S29)	28 th day compressive strength	274.10	Kg/Cm ²	265.00 Kg/cm ²	2.86	Qty represents - 4.00 Cum.
			278.63	Kg/Cm ²			
			265.04	Kg/Cm ²			
		Average	272.59	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 11/10/2019, for Retaining wall at Carpenter - 2 nd Lift. (S30)	28 th day compressive strength	260.51	Kg/Cm ²	210.00 Kg/cm ²	22.97	Qty represents - 30.00 Cum.
			271.83	Kg/Cm ²			
			242.38	Kg/Cm ²			
		Average	258.24	Kg/Cm²			
4	Reinforced Cement concrete cube of mix 1 : 1.5 : 3 , cast on 14/10/2019, for Columns C15 to C20 & Cantilever slab at entrance.(S31)	28 th day compressive strength	262.77	Kg/Cm ²	265.00 Kg/cm ²	4.00	Qty represents - 7.00 Cum.
			280.89	Kg/Cm ²			
			283.16	Kg/Cm ²			
		Average	275.61	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