

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 8043,8213,8242 & 8243 / Lab / **363** / 2019 - 20 Dated:- 02 / 01 / 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 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/ **196** dated :- 02 / 12 / 2019.

Qty. Recived. : 04 Set of cube Date of Receipt:- 04 / 12 / 2019. Tested on: - 13,26 & 28/12/2019 as per due dates Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1 : 2 : 4 & 1 : 1.5 : 3** O.S No. : 2844,2897,2900 & 2901 /SS. Lab. Sample No.: 7099 To 7102 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 15/11/2019, for Retaining wall for compound wall foundation - 2 nd Lift. (S33)	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	8.95	Qty represents -15.00 Cum.
			242.38	Kg/Cm ²			
			217.47	Kg/Cm ²			
		Average	228.79	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 28/11/2019, for Transformer footings & retaining wall at CD Opening side. .(S34)	28 th day compressive strength	271.83	Kg/Cm ²	210.00 Kg/cm ²	29.08	Qty represents -15.00 Cum.
			269.57	Kg/Cm ²			
			271.83	Kg/Cm ²			
		Average	271.08	Kg/Cm²			
3	Reinforced Cement concrete cube of mix 1 : 1.5 : 3 , cast on 30/11/2019, for Roof slab of pump House .(S35)	28 th day compressive strength	265.04	Kg/Cm ²	265.00 Kg/cm ²	1.72	Qty represents - 22.00 Cum.
			262.77	Kg/Cm ²			
			280.89	Kg/Cm ²			
		Average	269.57	Kg/Cm²			
4	Reinforced Cement concrete cube of mix 1 : 1.5 : 3 , cast on 30/11/2019, for Roof slab of pump House .(S35)	28 th day compressive strength	262.77	Kg/Cm ²	265.00 Kg/cm ²	2.29	Qty represents - 21.00 Cum.
			278.63	Kg/Cm ²			
			271.83	Kg/Cm ²			
		Average	271.08	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