

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7150,7164 & 7165 / Lab / **187** / 2019 - 20 Dated:- 14/ 06 / 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 substation, Electrical accessories and internal wiring for Anjuna Distributory near ch.28.970 kms of LBMC of TIP at Village Cucholim of Bardez Taluka.

Ref. to Requisition No.: WRD /WD VIII / SD III / W F.32 /(PART -I)/2019-20/41 dated :-17 / 05 / 2019.

Qty. Recived. : 03 Sets of cube Date of Receipt:- 20/ 05 / 2019. Tested on: - 10 & 11 /06/2019 Ref to CPWD :2002, Vol. I

Sample: Cube Mix 1:2:4 & 1 : 1.5 : 3 O.S No. : 2200, 2213 & 2214/SS. Lab. Sample No.: 4736 To 4738 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 13/05/2019, for nallah retaining wall. (S12)	28 th day compressive strength	255.97	Kg/Cm ²	210.00 Kg/cm ²	22.97	Qty represents - 15.00 Cum.
			267.30	Kg/Cm ²			
			251.44	Kg/Cm ²			
		Average	258.24	Kg/Cm²			
2	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 14/05/2019, for Sump wall 2 nd lift & approach slab over nallah . (S13)	28 th day compressive strength	355.65	Kg/Cm ²	265.00 Kg/cm ²	28.51	Qty represents - 30.00 Cum for two sets of cubes.
			339.79	Kg/Cm ²			
			326.20	Kg/Cm ²			
		Average	340.54	Kg/Cm²			
3	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 14/05/2019, for Sump wall 2 nd lift & approach slab over nallah . (S13)	28 th day compressive strength	342.05	Kg/Cm ²	265.00 Kg/cm ²	26.51	... Do ...
			335.26	Kg/Cm ²			
			328.46	Kg/Cm ²			
		Average	335.26	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