

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7255,7341,7498,7588 / Lab / **225** / 2019 - 20 Dated:- 03/07 / 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)/2019-20/63 dated :-14 / 06 / 2019.

Qty. Recived. : 04 Sets of cube Date of Receipt:- 14/ 06 / 2019. Tested on: - 15/06/2019 To 02/07/2019 as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube Mix 1:2:4 & 1 : 1.5 : 3 O.S No. : 2256,2292,2397 & 2466/SS. Lab. Sample No.: 6126 To 6129 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix 1 : 2 : 4 , cast on 18/05/2019, for Nallah retaining wall - carpenter house side. (S14)	28 th day compressive strength	255.97	Kg/Cm ²	210.00 Kg/cm ²	19.38	Qty represents - 20.00 Cum.
			235.59	Kg/Cm ²			
			260.51	Kg/Cm ²			
		Average	250.69	Kg/Cm²			
2	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 23/05/2019, for 3 rd lift of sump tank/intake . (S15)	28 th day compressive strength	317.14	Kg/Cm ²	265.00 Kg/cm ²	13.98	Qty represents - 18.50 Cum.
			308.08	Kg/Cm ²			
			280.89	Kg/Cm ²			
		Average	302.03	Kg/Cm²			
3	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 30/05/2019, for Footing F8 to F14 . (S16)	28 th day compressive strength	305.81	Kg/Cm ²	265.00 Kg/cm ²	15.40	Qty represents - 8.50 Cum.
			294.48	Kg/Cm ²			
			317.14	Kg/Cm ²			
		Average	305.81	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 04/06/2019, for Nallah retaining wall - transformer side. (S17)	28 th day compressive strength	249.18	Kg/Cm ²	210.00 Kg/cm ²	16.14	Qty represents - 10.00 Cum.
			222.00	Kg/Cm ²			
			260.51	Kg/Cm ²			
		Average	243.89	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