

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 8289,8290,8349,8350,8394,8468 & 8564 / Lab / **401** / 2019 - 20
Laboratory : Bicholim - Goa.

Dated:- 23 / 01 / 2020.

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/ **223** dated :- 27 / 12 / 2019.

Qty. Recived. : 07 Set of cube Date of Receipt:- 28 / 12 / 2019. Tested on: - 02,07,09,13 & 22/01/2020 as per due dates Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1 : 2 : 4 & 1 : 1.5 : 3** O.S No. : 2921,2922,2953,2954,2985,3031 & 3093 /SS. Lab. Sample No.: 7420 To 7426

Tested By: Mrs. S.B. Naik Shirodkar. J.E.

REPORT PAGE 01 OF 02

SR.N O.	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 05/12/2019, for Drain at transformer. (S36)	28 th day compressive strength	253.71	Kg/Cm ²	210.00 Kg/cm ²	25.49	Qty represents -15.00 Cum.
			271.83	Kg/Cm ²			
			265.04	Kg/Cm ²			
		Average	263.53	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 05/12/2019, for Drain side retaining wall -1 st Lift. (S37)	28 th day compressive strength	244.65	Kg/Cm ²	210.00 Kg/cm ²	21.89	Qty represents -20.00 Cum.
			255.97	Kg/Cm ²			
			267.30	Kg/Cm ²			
		Average	255.97	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 10/12/2019, for Drain side retaining wall -2 nd Lift. (S38)	28 th day compressive strength	260.51	Kg/Cm ²	210.00 Kg/cm ²	19.38	Qty represents - 12.00 Cum.
			255.97	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	250.69	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 10/12/2019, for Building side retaining wall -1 st Lift. (S39)	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	16.14	Qty represents - 20.00 Cum.
			249.18	Kg/Cm ²			
			244.65	Kg/Cm ²			
		Average	243.89	Kg/Cm²			

Junior Engineer

Assistant Engineer

REPORT PAGE 02 OF 02

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 12/12/2019, for Regulator gates - wall. (S40)	28 th day compressive strength	299.01	Kg/Cm ²	265.00 Kg/cm ²	7.14	Qty represents - 16.00 Cum.
			269.57	Kg/Cm ²			
			283.16	Kg/Cm ²			
		Average	283.91	Kg/Cm²			
6	Cement concrete cube of mix 1 : 2 : 4 , cast on 16/12/2019, for Building side retaining wall -2 nd Lift. (S41)	28 th day compressive strength	258.24	Kg/Cm ²	210.00 Kg/cm ²	23.69	Qty represents - 10.00 Cum.
			249.18	Kg/Cm ²			
			271.83	Kg/Cm ²			
		Average	259.75	Kg/Cm²			
7	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 25/12/2019, for GF Lintels & Chajja. (S42)	28 th day compressive strength	271.83	Kg/Cm ²	265.00 Kg/cm ²	12.84	Qty represents - 4.00 Cum.
			308.08	Kg/Cm ²			
			317.14	Kg/Cm ²			
		Average	299.01	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