

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 9337,9339,9360,9383,9386 / Lab / **04** / 2020 - 21 Dated:- 13 / 04 / 2020 Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work :- Construction of Tail Minor D O's, W.C. and F.C's of B-4 Distributory and DWC 19 L off taking at Ch. 18.005 km of RBMC of TIP at Village Dhargal in Pernem Taluka.

Ref to Requisition No.:- WRD/SDIV/WDVII/F.10 /2019-20/ **260** Dated :- 06 / 03 / 2020.

Qty. Received. : 05 Sets of cube Date of Receipt:- 06 / 03 / 2020. Tested on: - 27 /03/2020 To 02 /04/2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1 : 2 : 4 O.S No. : 694,696,708,715,718/SP. Lab. Sample No.: 8344 To 8348 Tested By: Mr. S.M. Patri., A.E.

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 28 / 02 / 2020.	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	12.18	1) Qty represents - 8.00 Cum.
			246.91	Kg/Cm ²			
			228.79	Kg/Cm ²			
		Average	235.59	Kg/Cm²			
2	Plain Cement concrete cube of mix 1:2:4 , cast on 29 / 12 / 2020. PCC for Pedestal.	28 th day compressive strength	285.42	Kg/Cm ²	210.00 Kg/cm ²	29.44	1) Qty represents - 10.00 Cum.
			271.83	Kg/Cm ²			
			258.24	Kg/Cm ²			
		Average	271.83	Kg/Cm²			
3	Plain Cement concrete cube of mix 1:2:4 , cast on 02 / 03 / 2020. PCC for Chambers	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	16.50	1) Qty represents - 12.00 Cum.
			253.71	Kg/Cm ²			
			249.18	Kg/Cm ²			
		Average	244.65	Kg/Cm²			
4	Plain Cement concrete cube of mix 1:2:4 , cast on 04 / 03 / 2020. PCC for Pedestal.	28 th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ²	7.87	1) Qty represents - 12.00 Cum.
			222.00	Kg/Cm ²			
			233.32	Kg/Cm ²			
		Average	226.53	Kg/Cm²			
5	Plain Cement concrete cube of mix 1:2:4 , cast on 05 / 03 / 2020. PCC for Chambers	28 th day compressive strength	278.63	Kg/Cm ²	210.00 Kg/cm ²	28.36	1) Qty represents - 15.00 Cum.
			274.10	Kg/Cm ²			
			255.97	Kg/Cm ²			
		Average	269.57	Kg/Cm²			

- Copy to: 1. The Assistant Engineer , SDIV , WD VII , WRD, Dhargal Pernem - 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 VII ,WRD, Dhargal Pernem - Goa.
4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer