

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 9455,9460,9463,9466,9472 & 9473 / Lab / **11** / 2020 - 21 Dated:- 20 / 04 / 2020 Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work :- Construction of DWCs and FCs and DO s of B 7 Distributory of RBMC of T.I.P. In Dhargal village of Pernem Taluka.

Ref to Requisition No.:- WRD/SDIV/WDVII/F.10 /2020-21/ **05** Dated :- 13 / 04 / 2020.

Qty. Recived. : 06 Sets of cube Date of Receipt:- 13 / 04 / 2020. Tested on: - 13 /04/2020 To 18 /04/2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:3:6 & 1 : 2 : 4 O.S No.: 3554/SS,745/SP,3556,3558,3560 &3561/SS. Lab. Sample No.: 8574 To 8579 Tested By: Mrs. S.B.Naik Shirodkar J.E. & Mr. S.M. Patri., A.E.

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Plain Cement concrete cube of mix 1:3:6 , cast on 16 / 03 / 2020, For foundation/ pedestals of Fcs, DWC -1L & DOR -3.	28 th day compressive strength	126.85	Kg/Cm ²	100.00 Kg/cm ²	26.85	Qty represents - 15.00 Cum.
			124.59	Kg/Cm ²			
			129.12	Kg/Cm ²			
			Average	126.85			
2	Plain Cement concrete cube of mix 1:2:4 , cast on 17 / 03 / 2020, For Pedestals of Fcs, DWC - 1L & DOR -3.	28 th day compressive strength	271.83	Kg/Cm ²	210.00 Kg/cm ²	21.53	Qty represents - 30.00 Cum.
			226.53	Kg/Cm ²			
			267.30	Kg/Cm ²			
			Average	255.22			
3	Plain Cement concrete cube of mix 1:2:4 , cast on 18 / 03 / 2020, For Pedestals of Fcs, DWC - 1L & DOR -3.	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ²	4.99	Qty represents - 27.00 Cum.
			237.85	Kg/Cm ²			
			210.67	Kg/Cm ²			
			Average	220.49			
4	Plain Cement concrete cube of mix 1:2:4 , cast on 19 / 03 / 2020, For Pedestals of Fcs, DWC - 1L & DOR -3.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	8.59	Qty represents - 29.00 Cum.
			231.06	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	228.04			
5	Plain Cement concrete cube of mix 1:2:4 , cast on 20 / 03 / 2020, For Pedestals of Fcs, DWC - 1L & DOR -3.	28 th day compressive strength	260.51	Kg/Cm ²	210.00 Kg/cm ²	18.30	Qty represents - 27.00 Cum.
			235.59	Kg/Cm ²			
			249.18	Kg/Cm ²			
			Average	248.42			
6	Plain Cement concrete cube of mix 1:2:4 , cast on 21/ 03 / 2020, For Pedestals of Fcs, DWC - 1L & DOR -3.	28 th day compressive strength	267.30	Kg/Cm ²	210.00 Kg/cm ²	25.85	Qty represents - 29.00 Cum.
			271.83	Kg/Cm ²			
			253.71	Kg/Cm ²			
			Average	264.28			

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