

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 8565,8605,8637,8680,8696,8722,8737,8748,8767 / Lab / **434** / 2019 - 20 Dated:- 14 / 02 / 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 /2019-20/ **227** Dated :- 20 / 01 / 2020.

Qty. Recived. : 09 Sets of cube Date of Receipt:- 21 / 01 / 2020. Tested on: - 22 / 01 / 2020 To 10 / 02 / 2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1 : 2 : 4 & 1 :3 : 6 O.S No. : 3094,3113,3124/SS, 1655/AF 3151,3174,3183,3195,3206 /SS. Lab. Sample No.: 7682 To 7690 Tested By: Mrs. S.B.Naik Shirodkar J.E. & Mr. Anil R. Fadte, J.E.

REPORT PAGE 01 OF 02

& Mrs. S.B. Naik Shirodkar. J.E. & Mr. Anil. R. Naik. J.E.

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Plain Cement concrete cube of mix 1:2:4 , cast on 25 /12 / 2019, for PCC Pedestal & Chambers for 1 L .	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	3.91	Qty represents - 15.00 Cum.
			226.53	Kg/Cm ²			
			212.93	Kg/Cm ²			
		Average	218.22	Kg/Cm²			
2	Plain Cement concrete cube of mix 1:2:4 , cast on 28 /12 / 2019, for PCC Pedestal & Chambers for DOR 1 .	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	6.07	Qty represents - 15.00 Cum.
			226.53	Kg/Cm ²			
			222.00	Kg/Cm ²			
		Average	222.75	Kg/Cm²			
3	Plain Cement concrete cube of mix 1:2:4 , cast on 31 / 12 / 2019, for PCC Pedestal & Chambers for DOR 1 .	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	3.55	Qty represents - 15.00 Cum.
			217.47	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	217.47	Kg/Cm²			
4	Plain Cement concrete cube of mix 1:2:4 , cast on 03/01/2020, for PCC for Pedestals & Chambers for DOR 1 .	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	11.82	Qty represents - 15.00 Cum.
			246.91	Kg/Cm ²			
			222.00	Kg/Cm ²			
		Average	234.83	Kg/Cm²			

Junior Engineer

Assistant Engineer

REPORT PAGE 02 OF 02

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Plain Cement concrete cube of mix 1:2:4 , cast on 06/01/2020, for PCC for Pedestals & Chambers for DOR 1 .	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	3.91	Qty represents - 15.00 Cum.
			215.20	Kg/Cm ²			
			222.00	Kg/Cm ²			
			Average	218.22			
6	Plain Cement concrete cube of mix 1:2:4 , cast on 08 / 01 / 2020, for PCC for Pedestals & Chambers for DOR 1 .	28 th day compressive strength	228.79	Kg/Cm ²	210.00 Kg/cm ²	4.99	Qty represents - 15.00 Cum.
			215.20	Kg/Cm ²			
			217.47	Kg/Cm ²			
			Average	220.49			
7	Plain Cement concrete cube of mix 1:3:6 , cast on 09 / 01 / 2020, for PCC Pedestal & Foundation for DOR 1 .	28 th day compressive strength	117.79	Kg/Cm ²	100.00 Kg/cm ²	26.85	Qty represents - 15.00 Cum.
			126.85	Kg/Cm ²			
			135.92	Kg/Cm ²			
			Average	126.85			
8	Plain Cement concrete cube of mix 1:2:4 , cast on 11 / 01 / 2020, for PCC for Pedestals & Chambers for DOR 1 .	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	8.59	Qty represents - 15.00 Cum.
			231.06	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	228.04			
9	Plain Cement concrete cube of mix 1:2:4 , cast on 13 / 01 / 2020, for PCC for Pedestals & Chambers for DOR 1 .	28 th day compressive strength	260.51	Kg/Cm ²	210.00 Kg/cm ²	19.38	Qty represents - 15.00 Cum.
			249.18	Kg/Cm ²			
			242.38	Kg/Cm ²			
			Average	250.69			

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