

**GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT**

Test Report No.: WRD/QC/F.6-2/Cube -T -8746,8757,8766,8779,8789,8790 /Lab/**441** / 2019 -20 Dated:-17 / 02 / 2020

Laboratory : Bicholim -Goa / Sub Division V (QC)/WRD/ Bicholim -Goa.

Name of Work : - Construction of D.W.C's and F.C.'s and DO's of B-7 distributory of RBMC of TIP in Dhargal village of Pernem Taluka.

Ref to requisition No: SDIV/WDVII/WRD/F. 10/2019-20/240 Dated: 06/02/2020.

Qty. Recived. : 6 Sets of cube Date of Receipt: -06 /02/ 2020. Tested on: -07/02/2020 To 12/02/2020 as per due dates Ref to CPWD :2009, Vol. I

Sample: P.C.C. 1:2:4 & 1:3:6 Mix O.S No: 1687/AF,3203/SS,1696,1705,/AF,3222,3223/SS Lab. Sample No.: 7895 To 7900.

Tested By: -Mr.Anil R. Fadte, J.E. & Mrs. S. B. Naik Shirodkar, J.E.

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SR.NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value	% above or	REMARK
1	Plain Cement concrete cubes of mix 1:2:4 cast on 31 / 01 / 2020, for pedestals, foundation and plinth for chambers for DWC-1L /OTL FC1, FC2 & FC3.	07th day compressive strength	156.30	Kg/Cm ³	140.00 Kg/Cm ²	14.88	Quantity Represents 15.00 m3.
			178.96	Kg/Cm ³			
			147.24	Kg/Cm ²			
		Average	160.83	Kg/Cm²			
2	Plain Cement concrete cubes of mix 1:3:6 cast on 01 / 02 / 2020,for pedestals, foundation and plinth for chambers for DWC-1L /OTL FC1, FC2 & FC3.	07th day compressive strength	79.28	Kg/Cm ²	70.00 Kg/Cm ²	17.58	Quantity Represents 15.00 m3.
			86.08	Kg/Cm ²			
			81.55	Kg/Cm ²			
		Average	82.30	Kg/Cm²			
3	Plain Cement concrete cubes of mix 1:2:4 cast on 03/02/ 2020, for pedestals, foundation and plinth for chambers for DWC-1L /OTL FC1 ,FC2 & FC3.	07th day compressive strength	140.45	Kg/Cm ³	140.00 Kg/Cm ²	4.63	Quantity Represents 15.00 m3.
			147.24	Kg/Cm ³			
			151.77	Kg/Cm ²			
		Average	146.49	Kg/Cm²			
4	Plain Cement concrete cubes of mix 1:2:4 cast on 04 /02 / 2020, for pedestals, foundation and plinth for chambers for DWC-1L /OTL FC1, FC2 & FC3.	07th day compressive strength	144.98	Kg/Cm ²	140.00 Kg/Cm ²	3.02	Quantity Represents 15.00 m3.
			135.92	Kg/Cm ²			
			151.77	Kg/Cm ²			
		Average	144.22	Kg/Cm²			
5	Plain Cement concrete cubes of mix 1:2:4 cast on 05/ 02 / 2020, for pedestals, foundation and plinth for chambers for DWC-1L /OTL FC1, FC2 & FC3.	07th day compressive strength	176.69	Kg/Cm ³	140.00 Kg/Cm ²	21.35	Quantity Represents 30.00 m3 for two sets of cubes caste on 05/02/2020.
			151.77	Kg/Cm ³			
			181.22	Kg/Cm ²			
		Average	169.89	Kg/Cm²			
6	Plain Cement concrete cubes of mix 1:2:4 cast on 05/ 02 / 2020, for pedestals, foundation and plinth for chambers for DWC-1L /OTL FC1, FC2 & FC3.	07th day compressive strength	158.57	Kg/Cm ²	140.00 Kg/Cm ²	13.80	... Do
			172.16	Kg/Cm ²			
			147.24	Kg/Cm ²			
		Average	159.32	Kg/Cm²			

Copy to: 1. The Assistant Engineer SD IV, 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 ,WDVII,WRD , Dhargal - Pernem- Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer