

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 128,140,144,152,161,168 & 172 / Lab / 95 / 2020 - 2021 Dated:- 11 / 07 / 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/ 48 Dated :- 18 / 06 / 2020.

Qty. Recived. : 07 Sets of cube Date of Receipt:- 24 / 06 / 2020. Tested on: - 29 /06/2020 To 10 /07/2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:3:6 & 1:2:4** O.S No.: 4021,4032,4035,4042,4051,4058 & 4062/SS. Lab. Sample No.: 9293 To 9299 Tested By: Mrs. S.B.Naik Shirodkar J.E.

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix 1:3:6 , cast on 01 / 06 / 2020, PCC for pedestals foundation FCs ,DWC 2L, DWC 2R & OTs.	28 th day compressive strength	126.85	Kg/Cm ²	100.00 Kg/cm ²	17.79	Qty represents - 14.50 Cum.
			106.47	Kg/Cm ²			
			120.06	Kg/Cm ²			
			Average	117.79			
2	Cement concrete cube of mix 1:2:4 , cast on 04 / 06 / 2020, PCC for Pedestals & Foundation chambers, chambers for FCs , DWC 2R, DWC 2L & OTs.	28 th day compressive strength	244.65	Kg/Cm ²	210.00 Kg/cm ²	7.51	Qty represents - 14.40 Cum.
			217.47	Kg/Cm ²			
			215.20	Kg/Cm ²			
			Average	225.77			
3	Cement concrete cube of mix 1:2:4 , cast on 05 / 06 / 2020, PCC for Pedestals & Foundation chambers, chambers for FCs , DWC 2R, DWC 2L & OTs.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	3.91	Qty represents - 14.00 Cum.
			203.87	Kg/Cm ²			
			235.59	Kg/Cm ²			
			Average	218.22			
4	Cement concrete cube of mix 1:2:4 , cast on 06 / 06 / 2020, PCC for Pedestals & Foundation chambers, chambers for FCs , DWC 2R, DWC 2L & OTs.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	3.91	Qty represents - 14.70 Cum.
			199.34	Kg/Cm ²			
			217.47	Kg/Cm ²			
			Average	218.22			

Junior Engineer

Assistant Engineer

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Cement concrete cube of mix 1:2:4 , cast on 08 / 06 / 2020, PCC for Pedestals & Foundation chambers, chambers for FCs , DWC 2R, DWC 2L & OTs.	28 th day compressive strength	240.12	Kg/Cm ²	210.00 Kg/cm ²	21.89	Qty represents - 14.90 Cum.
			255.97	Kg/Cm ²			
			271.83	Kg/Cm ²			
		Average	255.97	Kg/Cm²			
6	Cement concrete cube of mix 1:2:4 , cast on 10 / 06 / 2020, PCC for Pedestals & Foundation chambers, chambers for FCs , DWC 2R, DWC 2L & OTs.	28 th day compressive strength	260.51	Kg/Cm ²	210.00 Kg/cm ²	11.47	Qty represents - 14.80 Cum.
			215.20	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	234.08	Kg/Cm²			
7	Cement concrete cube of mix 1:2:4 , cast on 12 / 06 / 2020, PCC for Pedestals & Foundation chambers, chambers for FCs , DWC 2R, DWC 2L & OTs.	28 th day compressive strength	271.83	Kg/Cm ²	210.00 Kg/cm ²	19.02	Qty represents - 14.80 Cum.
			240.12	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	249.93	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