

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F. 6-2/Cube -T :- 7140,7178,7233,7318,7354,7398/Lab/**117**/2023 - 24 Dated:- 01/07/2023. Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work :- Construction of Siolim Distributory from Ch.2420m to Ch.2910m (Balance Work & missing link) of LBMC of TIP at Village Siolim in Bardez Taluka.

Ref. to Requisition No : SDI/WDVIII/WRD/WF.54/2023-24/34. dated :- 30/05/2023.

Qty. Recived. : **06** Sets of cubes Date of Receipt:- 30/05/2023. Tested on:- 06,09,14,20,23 & 26/06/2023 Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4 & 1:1.5:3** O.S No: 1438,1476/RK & 856,946,966,1014/SS. Lab. Sample No: 7234 To 7239

Tested By: Mrs. R.R. Kadam. A.E. & 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 1:1.5:3 , cast on 09/05/2023. RCC for Syphon Chamber Raft.	28 th day compressive strength	269.57	Kg/Cm ²	265.00 Kg/cm ²	3.72	Qty represents - 7.30 Cum.
			262.77	Kg/Cm ²			
			292.22	Kg/Cm ²			
		Average	274.85	Kg/Cm²			
2	Cement concrete cube of mix 1:1.5:3 , cast on 12/05/2023. RCC for Syphon Chamber Wall, Anchor Block.	28 th day compressive strength	269.57	Kg/Cm ²	265.00 Kg/cm ²	3.43	Qty represents - 7.84 Cum.
			280.89	Kg/Cm ²			
			271.83	Kg/Cm ²			
		Average	274.10	Kg/Cm²			
3	Cement concrete cube of mix 1:1.5:3 , cast on 17/05/2023. RCC for Syphon Chamber Wall, Anchor Block, Inlet Chamber Raft.	28 th day compressive strength	283.16	Kg/Cm ²	265.00 Kg/cm ²	2.86	Qty represents - 16.00 Cum.
			262.77	Kg/Cm ²			
			271.83	Kg/Cm ²			
		Average	272.59	Kg/Cm²			
4	Cement concrete cube of mix 1:1.5:3 , cast on 23/05/2023. RCC for Syphon Chamber Wall, Anchor Block.	28 th day compressive strength	280.89	Kg/Cm ²	265.00 Kg/cm ²	3.43	Qty represents - 8.60 Cum.
			271.83	Kg/Cm ²			
			269.57	Kg/Cm ²			
		Average	274.10	Kg/Cm²			

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 26/05/2023. PCC for Anchor Block.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	3.20	Qty represents - 1.80 Cum.
			212.93	Kg/Cm ²			
			210.67	Kg/Cm ²			
		Average	216.71	Kg/Cm²			
6	Cement concrete cube of mix 1:1.5:3 , cast on 29/05/2023. RCC for Inlet Chamber Wall.	28 th day compressive strength	262.77	Kg/Cm ²	265.00 Kg/cm ²	4.00	Qty represents - 5.70 Cum.
			271.83	Kg/Cm ²			
			292.22	Kg/Cm ²			
		Average	275.61	Kg/Cm²			

Copy to: 1. The Assistant Engineer, SDI, WDVIII, WRD, Karaswada Bardez - Goa.

2. Copy submitted to The Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa for kind Information.

3. Copy submitted to The Executive Engineer, WDVIII, WRD, Karaswada Bardez - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer