

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7580,7595,7644,7664,7693 & 7711 / Lab / **238** / 2019 - 20 Dated:- 10/ 07 / 2019 Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of Camurlim branch from Ch. 0.98 to 4.610 km including Minor 3 tail Minor Siolim Distributory of LBMC of TIP.

Ref. to Requisition No.: WRD /WD VIII / SD I / F.3 /2019-20/40 dated :- 01/ 07 / 2019.

Qty. Received. : 06 Sets of cube Date of Receipt:- 01/ 07 / 2019. Tested on: - 01/07/2019 To 09/07/2019, as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube Mix 1:2:4 & 1 : 1.5 : 3 O.S No. : 2462, 2473/SS,1024/AF,2497,2516 & 2533/SS. Lab. Sample No.: 6539 To 6544 Tested By: Mrs. S.B. Naik Shirodkar. J.E.
& Mr. Anil R. Fadte JE

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Cement concrete cube of mix 1 : 2 : 4 , cast on 03/06/2019, for thrust block and anchor blocks.	28 th day compressive strength	246.91	Kg/Cm ²	210.00 Kg/cm ²	10.75	Qty represents - 2.00 Cum.
			226.53	Kg/Cm ²			
			224.26	Kg/Cm ²			
		Average	232.57	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 04/06/2019, for thrust block and anchor blocks.	28 th day compressive strength	222.00	Kg/Cm ²	210.00 Kg/cm ²	7.51	Qty represents - 2.50 Cum.
			240.12	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	225.77	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 06/06/2019, for thrust block and anchor blocks.	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	10.03	Qty represents - 3.00 Cum.
			210.67	Kg/Cm ²			
			251.44	Kg/Cm ²			
		Average	231.06	Kg/Cm²			
4	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 07/06/2019, for thrust block and anchor blocks.	28 th day compressive strength	294.48	Kg/Cm ²	265.00 Kg/cm ²	8.28	Qty represents - 2.50 Cum.
			287.69	Kg/Cm ²			
			278.63	Kg/Cm ²			
		Average	286.93	Kg/Cm²			
5	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 10/06/2019, for thrust block and anchor blocks.	28 th day compressive strength	305.81	Kg/Cm ²	265.00 Kg/cm ²	15.69	Qty represents - 3.00 Cum.
			321.67	Kg/Cm ²			
			292.22	Kg/Cm ²			
		Average	306.57	Kg/Cm²			
6	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 11/06/2019, for thrust block and anchor blocks.	28 th day compressive strength	308.08	Kg/Cm ²	265.00 Kg/cm ²	12.27	Qty represents - 1.75 Cum.
			283.16	Kg/Cm ²			
			301.28	Kg/Cm ²			
		Average	297.50	Kg/Cm²			

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

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer