

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7340,7397,7426,7467,7525 & 7529 / Lab / **119** / 2019 - 20 Dated:- 29/06/2019 Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of Camurlim branch from Ch. 0.00 to 0.98 km including M1 & M2 off taking from ch. 4.595 km of Siolim Distributory of LBMC of TIP.

Ref. to Requisition No.: WRD /WD VIII / SD I / W F.2 /2019-20/34 dated :-19 /06 / 2019.

Qty. Received. : 06 Sets of cube Date of Receipt:- 19/06 / 2019. Tested on: - 20/06/2019 To 29/06/2019, as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube Mix 1:2:4 & 1 : 1.5 : 3 O.S No. : 2291, 2303,2325,2366,2424 & 2428 /SS. Lab. Sample No.: 6276 To 6281 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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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 23/05/2019, for thrust block and anchor blocks.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	7.15	Qty represents - 2.00 Cum.
			233.32	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	225.02	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 25/05/2019, for thrust block and anchor blocks.	28 th day compressive strength	244.65	Kg/Cm ²	210.00 Kg/cm ²	10.75	Qty represents - 3.00 Cum.
			235.59	Kg/Cm ²			
			217.47	Kg/Cm ²			
		Average	232.57	Kg/Cm²			
3	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 27/05/2019, for thrust block and anchor blocks.	28 th day compressive strength	292.22	Kg/Cm ²	265.00 Kg/cm ²	10.56	Qty represents - 2.00 Cum.
			303.55	Kg/Cm ²			
			283.16	Kg/Cm ²			
		Average	292.97	Kg/Cm²			
4	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 29/05/2019, for thrust block and anchor blocks.	28 th day compressive strength	271.83	Kg/Cm ²	265.00 Kg/cm ²	9.42	Qty represents - 3.00 Cum.
			305.81	Kg/Cm ²			
			292.22	Kg/Cm ²			
		Average	289.95	Kg/Cm²			
5	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 31/05/2019, for thrust block and anchor blocks.	28 th day compressive strength	294.48	Kg/Cm ²	265.00 Kg/cm ²	12.55	Qty represents - 3.00 Cum.
			323.93	Kg/Cm ²			
			276.36	Kg/Cm ²			
		Average	298.26	Kg/Cm²			
6	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 01/06/2019, for thrust block and anchor blocks.	28 th day compressive strength	305.81	Kg/Cm ²	265.00 Kg/cm ²	11.13	Qty represents - 3.00 Cum.
			294.48	Kg/Cm ²			
			283.16	Kg/Cm ²			
		Average	294.48	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