

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7703,7712,7729,7743,7749,7776,7777/ Lab / **249** / 2019 - 20

Laboratory : Bicholim - Goa.

Dated:- 16 / 07 / 2019

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

Name of Work: - Improvement to Bund from Sy. No. 129 and 137 in field of Katar in Guddem Dando in V.P. Siolim in Siolim Constituency.

Ref. to Requisition No.: MI/SDI/WDI/WRD/ F.57 /2019-20/ **175**

Dated :- 03 / 07 / 2019.

Qty. Recived. : 7 Sets of cube Date of Receipt :- 05 / 07 / 2019. Tested on: 08/07/2019 To 15/07/2019. as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube 1:2:4 & 1 : 1.5 :3 Mix O.S No. : 2526,2534,2551,2565,2567,2590,2591./SS. Lab. Sample No.: 6611 To 6617. Tested By: - Mrs. S.B. Naik Shirodkar. J.E.

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix 1:2:4 , cast on 10 / 06 / 2019, For Foundation & Plinth	28 th day compressive strength	258.24	Kg/Cm2	210 kg/cm2	12.90	1. Quantity represents 30.00 Cum . 2. Exact location of work done is not specified.
			231.06	Kg/Cm2			
			222.00	Kg/Cm2			
		Average	237.10	Kg/Cm2			
2	Cement concrete cube of mix 1:2:4 , cast on 11 / 06 / 2019, For Foundation & Plinth	28 th day compressive strength	249.18	Kg/Cm2	210 kg/cm2	8.23	1. Quantity represents 27.00 Cum . 2. Exact location of work done is not specified.
			217.47	Kg/Cm2			
			215.20	Kg/Cm2			
		Average	227.28	Kg/Cm2			
3	Cement concrete cube of mix 1:2:4 , cast on 12 / 06 / 2019, For Foundation & Plinth	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	4.63	1. Quantity represents 27.00 Cum . 2. Exact location of work done is not specified.
			215.20	Kg/Cm2			
			217.47	Kg/Cm2			
		Average	219.73	Kg/Cm2			
4	Cement concrete cube of mix 1:2:4 , cast on 13 / 06 / 2019, For Foundation & Plinth	28 th day compressive strength	224.26	Kg/Cm2	210 kg/cm2	5.71	1. Quantity represents 27.00 Cum . 2. Exact location of work done is not specified.
			212.93	Kg/Cm2			
			228.79	Kg/Cm2			
		Average	222.00	Kg/Cm2			
5	Cement concrete cube of mix 1:2:4 , cast on 14 / 06 / 2019, For Foundation & Plinth	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	13.98	1. Quantity represents 33.00 Cum . 2. Exact location of work done is not specified.
			235.59	Kg/Cm2			
			255.97	Kg/Cm2			
		Average	239.36	Kg/Cm2			
6	Cement concrete cube of mix 1:2:4 , cast on 17 / 06 / 2019, For Foundation & Plinth	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	3.91	1. Quantity represents 14.00 Cum . 2. Exact location of work done is not specified.
			203.87	Kg/Cm2			
			224.26	Kg/Cm2			
		Average	218.22	Kg/Cm2			
7	Cement concrete cube of mix 1:1.5:3 , cast on 17 / 06 / 2019, For Foundation & Plinth	28 th day compressive strength	271.83	Kg/Cm2	265 kg/cm2	13.98	1. Quantity represents 18.00 Cum . 2. Exact location of work done is not specified.
			308.08	Kg/Cm2			
			326.20	Kg/Cm2			
		Average	302.03	Kg/Cm2			

Copy to: 1. The Assistant Engineer ,SD I,WD I,WRD, Porvorim - 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 I,WRD, Porvorim Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer