

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7779,7780,7801,7802,7805,7806,7819,7820/ Lab / **254** / 2019 - 20 Dated:- 20 / 07 / 2019 Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of Work: - Improvement to nallah/Culvert near Nanda House up to Babajan house at Verla Canca in Siolim Constituency.

Ref. to Requisition No.: MI/SDI/WDI/WRD/ F.57 /2019-20/ **124** Dated :- 24 / 06 / 2019.

Qty. Recived. : 08 Sets of cube Date of Receipt :- 24 / 06 / 2019. Tested on: 16/07/2019 To 19/07/2019. as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube 1:1.5:3 & 1:2:4 Mix O.S No. : 2593,2594,2614,2615,2618,2619,2632,2633/SS. Lab. Sample No.: 6470 To 6477.

Tested By: - Mrs. S.B. Naik Shirodkar. J.E.

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Reinforced Cement concrete cube of mix 1:1.5:3 , cast on 18 / 06 / 2019.	28 th day	255.97	Kg/Cm2	265 kg/cm2	4.86	1. Quantity represents 35.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
		compressive	283.16	Kg/Cm2			
		strength	294.48	Kg/Cm2			
		Average	277.87	Kg/Cm2			
2	Reinforced Cement concrete cube of mix 1:1.5:3 , cast on 18 / 06 / 2019.	28 th day	271.83	Kg/Cm2	265 kg/cm2	6.28	... Do ...
		compressive	280.89	Kg/Cm2			
		strength	292.22	Kg/Cm2			
		Average	281.65	Kg/Cm2			
3	Reinforced Cement concrete cube of mix 1:1.5:3 , cast on 19 / 06 / 2019.	28 th day	262.77	Kg/Cm2	265 kg/cm2	5.14	1. Quantity represents 35.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
		compressive	292.22	Kg/Cm2			
		strength	280.89	Kg/Cm2			
		Average	278.63	Kg/Cm2			
4	Reinforced Cement concrete cube of mix 1:1.5:3 , cast on 19 / 06 / 2019.	28 th day	283.16	Kg/Cm2	265 kg/cm2	6.85	... Do ...
		compressive	271.83	Kg/Cm2			
		strength	294.48	Kg/Cm2			
		Average	283.16	Kg/Cm2			
5	Cement concrete cube of mix 1:2:4 , cast on 20 / 06 / 2019, For Foundation & Plinth.	28 th day	215.20	Kg/Cm2	210 kg/cm2	3.20	1. Quantity represents 35.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
		compressive	231.06	Kg/Cm2			
		strength	203.87	Kg/Cm2			
		Average	216.71	Kg/Cm2			
6	Cement concrete cube of mix 1:2:4 , cast on 20 / 06 / 2019, For Foundation & Plinth.	28 th day	217.47	Kg/Cm2	210 kg/cm2	5.71	... Do ...
		compressive	210.67	Kg/Cm2			
		strength	237.85	Kg/Cm2			
		Average	222.00	Kg/Cm2			

Junior Engineer

Assistant Engineer

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
7	Cement concrete cube of mix 1:2:4 , cast on 21 / 06 / 2019, For Foundation & Plinth.	28 th day compressive strength	217.47	Kg/Cm2	210 kg/cm2	7.15	1. Quantity represents 34.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			226.53	Kg/Cm2			
			231.06	Kg/Cm2			
		Average	225.02	Kg/Cm2			
8	Cement concrete cube of mix 1:2:4 , cast on 21 / 06 / 2019, For Foundation & Plinth.	28 th day compressive strength	203.87	Kg/Cm2	210 kg/cm2	3.91	... Do ...
			212.93	Kg/Cm2			
			237.85	Kg/Cm2			
		Average	218.22	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