

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 8631,8632,8638,8639,8664,8665/ Lab / **423**/ 2019 - 20 Dated:- 03/ 02 / 2020 Laboratory : Bicholim - Goa.
8690,8691,8697 & 8698 Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of Work: - Improvement to Existing nallah along road side from Twenty Three Restaurant up to pond near starlight Restaurant at Village Arpora in Calangute Constituency.

Ref. to Requisition No.: SDII/WDI/WRD/ F.24 /2019-20/558 dated :-21/01/2020.

Qty. Recived. : 10 Sets of cube Date of Receipt: 23/01/2020. Tested on: 27/01/2020 To 03/02/2020. as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube 1:2:4 Mix O.S No. :3121,3122,3125,3126,3141,3142,3148,3149,3152,3153/SS Lab. Sample No.: 7701 to 7710 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	Plain Cement concrete cube of mix 1:2:4 , cast on 30/12/2019 .	28 th day compressive strength	197.08	Kg/Cm2	210 kg/cm2	2.48	Quantity represented by each sample/ set of cube is not mentioned, and also exact location of work done is not specified.
			219.73	Kg/Cm2			
			228.79	Kg/Cm2			
		Average	215.20	Kg/Cm2			
2	Plain Cement concrete cube of mix 1:2:4 , cast on 30/12/2019 .	28 th day compressive strength	217.47	Kg/Cm2	210 kg/cm2	2.12	... Do ...
			215.20	Kg/Cm2			
			210.67	Kg/Cm2			
		Average	214.44	Kg/Cm2			
3	Plain Cement concrete cube of mix 1:2:4 , cast on 31/12/2019 .	28 th day compressive strength	208.40	Kg/Cm2	210 kg/cm2	6.43	... Do ...
			226.53	Kg/Cm2			
			235.59	Kg/Cm2			
		Average	223.51	Kg/Cm2			
4	Plain Cement concrete cube of mix 1:2:4 , cast on 31/12/2019 .	28 th day compressive strength	215.20	Kg/Cm2	210 kg/cm2	4.27	... Do ...
			219.73	Kg/Cm2			
			222.00	Kg/Cm2			
		Average	218.98	Kg/Cm2			
5	Plain Cement concrete cube of mix 1:2:4 , cast on 02/01/2020 .	28 th day compressive strength	231.06	Kg/Cm2	210 kg/cm2	4.99	... Do ...
			226.53	Kg/Cm2			
			203.87	Kg/Cm2			
		Average	220.49	Kg/Cm2			
6	Plain Cement concrete cube of mix 1:2:4 , cast on 02/01/2020 .	28 th day compressive strength	233.32	Kg/Cm2	210 kg/cm2	12.54	... Do ...
			262.77	Kg/Cm2			
			212.93	Kg/Cm2			
		Average	236.34	Kg/Cm2			

Junior Engineer

Assistant Engineer

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
7	Plain Cement concrete cube of mix 1:2:4 , cast on 04/01/2020 .	28 th day compressive strength	203.87	Kg/Cm2	210 kg/cm2	4.99	Quantity represented by each sample/ set of cube is not mentioned, and also exact location of work done is not specified.
			226.53	Kg/Cm2			
			231.06	Kg/Cm2			
		Average	220.49	Kg/Cm2			
8	Plain Cement concrete cube of mix 1:2:4 , cast on 04/01/2020 .	28 th day compressive strength	231.06	Kg/Cm2	210 kg/cm2	5.35	... Do ...
			210.67	Kg/Cm2			
			222.00	Kg/Cm2			
		Average	221.24	Kg/Cm2			
9	Plain Cement concrete cube of mix 1:2:4 , cast on 06/01/2020 .	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	15.42	... Do ...
			262.77	Kg/Cm2			
			237.85	Kg/Cm2			
		Average	242.38	Kg/Cm2			
10	Plain Cement concrete cube of mix 1:2:4 , cast on 06/01/2020 .	28 th day compressive strength	219.73	Kg/Cm2	210 kg/cm2	10.39	... Do ...
			249.18	Kg/Cm2			
			226.53	Kg/Cm2			
		Average	231.81	Kg/Cm2			

Copy to: 1. The Assistant Engineer ,SD II,WD I,WRD, Mapusa - 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