

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 8590,8591,8607,8608,8640,8641,8653,8654/ Lab / **412** /2019 - 20 Dated:- 29 / 01 / 2020

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

Name of Work: - Stabilization of Hillslope by construction of Retaining wall behind Hotel Manoshanti,at Panaji – Goa.

Ref. to Requisition No.: MI/SDIV/WDI/WRD/ F.38 /2019-20/398 Dated :- 22/01/2020.

Qty. Recived. : 8 Sets of cube Date of Receipt: 23/01/2020. Tested on: 24/01/2020 To 29/01/2020. as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube **1:2:4** Mix O.S No. :3108,3109,3115,3116,3127,3128,3130,3131/SS . Lab. Sample No.: 7711 to 7718 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 permissible	% above or below	REMARK
1	Plain Cement concrete cube of mix 1:2:4 cast on 27/12/2019 for Foundation & Plinth. Quantity represents 15.00 Cum	28 th day compressive strength	203.87	Kg/Cm2	210.00 Kg/Cm ²	3.55	Exact location of work done is not specified.
			217.47	Kg/Cm2			
			231.06	Kg/Cm2			
		Average	217.47	Kg/Cm2			
2	Plain Cement concrete cube of mix 1:2:4 cast on 27/12/2019 for Foundation & Plinth. Quantity represents 15.00 Cum	28 th day compressive strength	237.85	Kg/Cm2	210.00 Kg/Cm ²	2.84	... Do ...
			199.34	Kg/Cm2			
			210.67	Kg/Cm2			
		Average	215.95	Kg/Cm2			
3	Plain Cement concrete cube of mix 1:2:4 cast on 28/12/2019 for Foundation & Plinth. Quantity represents 15.00 Cum	28 th day compressive strength	210.67	Kg/Cm2	210.00 Kg/Cm ²	4.99	... Do ...
			237.85	Kg/Cm2			
			212.93	Kg/Cm2			
		Average	220.49	Kg/Cm2			
4	Plain Cement concrete cube of mix 1:2:4 cast on 28/12/2019 for Foundation & Plinth. Quantity represents 15.00 Cum	28 th day compressive strength	226.53	Kg/Cm2	210.00 Kg/Cm ²	5.35	... Do ...
			208.40	Kg/Cm2			
			228.79	Kg/Cm2			
		Average	221.24	Kg/Cm2			
5	Plain Cement concrete cube of mix 1:2:4 cast on 31/12/2019 for Foundation & Plinth. Quantity represents 15.00 Cum	28 th day compressive strength	208.40	Kg/Cm2	210.00 Kg/Cm ²	7.15	... Do ...
			235.59	Kg/Cm2			
			231.06	Kg/Cm2			
		Average	225.02	Kg/Cm2			

Junior Engineer

Assistant Engineer

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
6	Plain Cement concrete cube of mix 1:2:4 cast on 31/12/2019 for Foundation & Plinth. Quantity represents 15.00 Cum	28 th day compressive strength	199.34	Kg/Cm2	210.00 Kg/Cm ²	4.63	Exact location of work done is not specified.
			219.73	Kg/Cm2			
			240.12	Kg/Cm2			
		Average	219.73	Kg/Cm2			
7	Plain Cement concrete cube of mix 1:2:4 cast on 01/01/2020 for Foundation & Plinth. Quantity represents 15.00 Cum	28 th day compressive strength	237.85	Kg/Cm2	210.00 Kg/Cm ²	8.23	... Do ...
			226.53	Kg/Cm2			
			217.47	Kg/Cm2			
		Average	227.28	Kg/Cm2			
8	Plain Cement concrete cube of mix 1:2:4 cast on 01/01/2020 for Foundation & Plinth. Quantity represents 15.00 Cum	28 th day compressive strength	226.53	Kg/Cm2	210.00 Kg/Cm ²	3.20	... Do ...
			219.73	Kg/Cm2			
			203.87	Kg/Cm2			
		Average	216.71	Kg/Cm2			

Copy to: 1. The Assistant Engineer ,SD IV,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