

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7360,7539,7574,7596,7668,7732/ Lab / **242** /2019 - 20 Dated:- 11/07 / 2019 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, Tiswadi –Goa.

Ref. to Requisition no.: SDIV/WDI/WRD/ F.38 /2019-20/**101** dated :-13/06/2019.

Qty. Recived. : 06 Sets of cube Date of Receipt: 14/06/2019. Tested on: 21/06/2019 To 10/07/2019. as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube **1:1.5:3 & 1:2:4** Mix O.S No. :2296,2438,2456,2474,2504 & 2554/SS Lab. Sample No.: 6119 to 6124 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	Cement concrete cube of mix 1:1.5:3 cast on 24/05/2019 for 3rd step, stem.	28 th day compressive strength	294.48	Kg/Cm ²	265.00 Kg/Cm ²	6.28	Quantity represents 6.00 Cum.
			278.63	Kg/Cm ²			
			271.83	Kg/Cm ²			
		Average	281.65	Kg/Cm²			
2	Cement concrete cube of mix 1:2:4 cast on 01/06/2019 for 2nd step, PCC Wall.	28 th day compressive strength	260.51	Kg/Cm ²	210.00 Kg/Cm ²	19.74	Quantity represents 10.00 Cum.
			244.65	Kg/Cm ²			
			249.18	Kg/Cm ²			
		Average	251.44	Kg/Cm²			
3	Cement concrete cube of mix 1:1.5:3 cast on 03/06/2019 for 4th step, stem.	28 th day compressive strength	310.34	Kg/Cm ²	265.00 Kg/Cm ²	21.67	Quantity represents 5.00 Cum.
			323.93	Kg/Cm ²			
			332.99	Kg/Cm ²			
		Average	322.42	Kg/Cm²			
4	Cement concrete cube of mix 1:2:4 cast on 04/06/2019 for 2nd step, PCC Wall.	28 th day compressive strength	260.51	Kg/Cm ²	210.00 Kg/Cm ²	18.30	Quantity represents 7.50 Cum.
			253.71	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	248.42	Kg/Cm²			
5	Cement concrete cube of mix 1:2:4 cast on 08/06/2019 for 3rd step, PCC Wall.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/Cm ²	9.67	Quantity represents 12.00 Cum.
			231.06	Kg/Cm ²			
			244.65	Kg/Cm ²			
		Average	230.30	Kg/Cm²			
6	Cement concrete cube of mix 1:2:4 cast on 12/06/2019 for 4th step, PCC Wall.	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/Cm ²	4.99	Quantity represents 7.50 Cum.
			203.87	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	220.49	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