

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7441,7472,7509,7577,7643/ Lab / **228** /2019 - 20 Dated:- 05/07 / 2019

Laboratory : Bicholim- Goa.

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

Name of Work: - Stabilization of Hillslope by construction of Retaining wall behind the house of Shri. Yashawant Naik in ward No. 15 at St. Inez, Panaji – Goa.

Ref. to Requisition no.: MI/SDIV/WDI/WRD/ F.38 /2019-20/**119** dated :-18/06/2019.

Qty. Recived. : 5 Sets of cube Date of Receipt: 24/06/2019. Tested on: 24/06/2019 To 04/07/2019. as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube **1:2:4** Mix O.S No. :2340,2371,2408,2459/SS &1023/AF Lab. Sample No.: 6463 to 6467 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

& Mr. Anil. R. Fadte. J.E.

Cube test witnessed by Mr. Abid, representative of M/s. Caisson Engineering & Construction on 24/06/2019.

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 27/05/2019 for Foundation & Plinth. Quantity represents 20.00 Cum	28 th day compressive strength	251.44	Kg/Cm ²	210.00 Kg/Cm ²	11.82	Excat location of work done is not specified.
			235.59	Kg/Cm ²			
			217.47	Kg/Cm ²			
		Average	234.83	Kg/Cm²			
2	Plain Cement concrete cube of mix 1:2:4 cast on 29/05/2019 for Foundation & Plinth. Quantity represents 20.00 Cum	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/Cm ²	7.87	... Do ...
			226.53	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	226.53	Kg/Cm²			
3	Plain Cement concrete cube of mix 1:2:4 cast on 31/05/2019 for Foundation & Plinth. Quantity represents 20.00 Cum	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/Cm ²	8.59	... Do ...
			219.73	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	228.04	Kg/Cm²			
4	Plain Cement concrete cube of mix 1:2:4 cast on 03/06/2019 for Foundation & Plinth. Quantity represents 20.00 Cum	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/Cm ²	13.98	... Do ...
			244.65	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	239.36	Kg/Cm²			
5	Plain Cement concrete cube of mix 1:2:4 cast on 06/06/2019 for Foundation & Plinth. Quantity represents 14.00 Cum	28 th day compressive strength	222.00	Kg/Cm ²	210.00 Kg/Cm ²	13.62	... Do ...
			208.40	Kg/Cm ²			
			285.42	Kg/Cm ²			
		Average	238.61	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