

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7184,7252,7317,7342 & 7425 / Lab / **211** / 2019 - 20

Dated:- 25/06/2019 Laboratory : Bicholim - Goa.

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

Name of Work: - Construction of nallah protection wall at Karmal kungo at Kadsare V.P. Varkhand Nagzar in Pernem Taluka.

Ref. to Requisition no.: SDIII/WDI/WRD/ F.30 /2019-20/54 dated :-28/05/2019.

Qty. Recived. : 05 Sets of cube Date of Receipt: 29/05/2019. Tested on: 12/06/2019 To 24/06/2019 as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube 1:2:4 Mix O.S No. :2220,2253,2268,2293 & 2324 /SS Lab. Sample No.: 4963 to 4967 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 1:2:4 , cast on 15/05/2019, For Foundation. Quantity represents 22.00 Cum	28 th day compressive strength	219.73	Kg/Cm2	210 kg/cm2	3.20	Excat location of work executed is not specified.
			231.06	Kg/Cm2			
			199.34	Kg/Cm2			
		Average	216.71	Kg/Cm2			
2	Cement concrete cube of mix 1:2:4 , cast on 18/05/2019, For Foundation/walls. Quantity represents 21.00 Cum	28 th day compressive strength	215.20	Kg/Cm2	210 kg/cm2	8.23	... Do ...
			222.00	Kg/Cm2			
			244.65	Kg/Cm2			
		Average	227.28	Kg/Cm2			
3	Cement concrete cube of mix 1:2:4 , cast on 21/05/2019, For walls. Quantity represents 22.00 Cum	28 th day compressive strength	217.47	Kg/Cm2	210 kg/cm2	4.99	... Do ...
			237.85	Kg/Cm2			
			206.14	Kg/Cm2			
		Average	220.49	Kg/Cm2			
4	Cement concrete cube of mix 1:2:4 , cast on 23/05/2019, For Foundation/walls. Quantity represents 20.50 Cum	28 th day compressive strength	244.65	Kg/Cm2	210 kg/cm2	23.69	... Do ...
			262.77	Kg/Cm2			
			271.83	Kg/Cm2			
		Average	259.75	Kg/Cm2			
5	Cement concrete cube of mix 1:2:4 , cast on 27/05/2019, For Foundation/walls. Quantity represents 22.00 Cum	28 th day compressive strength	258.24	Kg/Cm2	210 kg/cm2	17.22	... Do ...
			235.59	Kg/Cm2			
			244.65	Kg/Cm2			
		Average	246.16	Kg/Cm2			

Copy to: 1. The Assistant Engineer ,SD III,WD I,WRD, Pernem - 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