

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7166,7221,7251,7304 & 7316 / Lab / **204**/ 2019 - 20

Dated:- 19/06/2019 Laboratory : Bicholim - Goa.

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

Name of Work: - Renovation of Manas - cum foot bridge at Manaswada V.P. Dhargal - Pernem Goa.

Ref. to Requisition No.: SDIII/WDI/WRD/ F.21 /2019-20/45 dated :-20/05/2019.

Qty. Recived. : 05 Sets of cube Date of Receipt: 21/05/2019. Tested on: 11/06/2019 To 18/06/2019 as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube 1:2:4 & 1:1.5:3 Mix O.S No. : 2215,2232,2252,2259,2267/SS Lab. Sample No.: 4747 to 4751 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 14/05/2019, For Foundation.	28 th day compressive strength	260.51	Kg/Cm2	210 kg/cm2	12.54	1. Quantity represents 21.00 Cum 2. Excat location of work done is not specified.
			231.06	Kg/Cm2			
			217.47	Kg/Cm2			
		Average	236.34	Kg/Cm2			
2	Cement concrete cube of mix 1:2:4 , cast on 16/05/2019, For Foundation.	28 th day compressive strength	222.00	Kg/Cm2	210 kg/cm2	7.87	1. Quantity represents 20.00 Cum 2. Excat location of work done is not specified.
			219.73	Kg/Cm2			
			237.85	Kg/Cm2			
		Average	226.53	Kg/Cm2			
3	Reinforced Cement concrete cube of mix 1:1.5:3 , cast on 18/05/2019, For RCC Slab.	28 th day compressive strength	296.75	Kg/Cm2	265 kg/cm2	17.96	1. Quantity represents 6.00 Cum 2. Excat location of work done is not specified.
			305.81	Kg/Cm2			
			335.26	Kg/Cm2			
		Average	312.61	Kg/Cm2			
4	Cement concrete cube of mix 1:2:4 , cast on 20/05/2019, For Foundation.	28 th day compressive strength	244.65	Kg/Cm2	210 kg/cm2	19.74	1. Quantity represents 19.00 Cum 2. Excat location of work done is not specified.
			237.85	Kg/Cm2			
			271.83	Kg/Cm2			
		Average	251.44	Kg/Cm2			
5	Cement concrete cube of mix 1:2:4 , cast on 21/05/2019, For Foundation.	28 th day compressive strength	217.47	Kg/Cm2	210 kg/cm2	6.07	1. Quantity represents 18.50 Cum 2. Excat location of work done is not specified.
			226.53	Kg/Cm2			
			224.26	Kg/Cm2			
		Average	222.75	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