

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7318,7343,7361,7398 & 7421 / Lab / **212** / 2019 - 20

Dated:- 25/06/2019 Laboratory : Bicholim - Goa.  
Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of Work: - Renovation of Manas - cum foot bridge at Manaswada V.P. Dharglim - Pernem Taluka.**

Ref. to Requisition no.: SDIII/WDI/WRD/ F.21 /2019-20/52 dated :-27/05/2019.

Qty. Recived. : 05 Sets of cube Date of Receipt: 28/05/2019. Tested on: 19/06/2019 To 24/06/2019 as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube 1:2:4 Mix O.S No. :2269,2294,2297,2304 & 2320 /SS Lab. Sample No.: 4953 to 4957 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 22/05/2019, For Foundation. Quantity represents 22.00 Cum	28 <sup>th</sup> day compressive strength	199.34	Kg/Cm2	210 kg/cm2	3.20	Excat location of work executed is not specified.
			240.12	Kg/Cm2			
			210.67	Kg/Cm2			
		<b>Average</b>	<b>216.71</b>	<b>Kg/Cm2</b>			
2	Cement concrete cube of mix 1:2:4 , cast on 23/05/2019, For Foundation/walls. Quantity represents 21.00 Cum	28 <sup>th</sup> day compressive strength	217.47	Kg/Cm2	210 kg/cm2	11.11	... Do ...
			237.85	Kg/Cm2			
			244.65	Kg/Cm2			
		<b>Average</b>	<b>233.32</b>	<b>Kg/Cm2</b>			
3	Cement concrete cube of mix 1:2:4 , cast on 24/05/2019, For walls. Quantity represents 22.00 Cum	28 <sup>th</sup> day compressive strength	219.73	Kg/Cm2	210 kg/cm2	4.27	... Do ...
			228.79	Kg/Cm2			
			208.40	Kg/Cm2			
		<b>Average</b>	<b>218.98</b>	<b>Kg/Cm2</b>			
4	Cement concrete cube of mix 1:2:4 , cast on 25/05/2019, For walls. Quantity represents 20.50 Cum	28 <sup>th</sup> day compressive strength	262.77	Kg/Cm2	210 kg/cm2	23.33	... Do ...
			253.71	Kg/Cm2			
			260.51	Kg/Cm2			
		<b>Average</b>	<b>258.99</b>	<b>Kg/Cm2</b>			
5	Cement concrete cube of mix 1:2:4 , cast on 27/05/2019, For walls. Quantity represents 22.00 Cum	28 <sup>th</sup> day compressive strength	224.26	Kg/Cm2	210 kg/cm2	12.90	... Do ...
			262.77	Kg/Cm2			
			224.26	Kg/Cm2			
		<b>Average</b>	<b>237.10</b>	<b>Kg/Cm2</b>			

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