

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7168,7190,7226,7227 & 7254 / Lab / **201**/ 2019 - 20

Dated:- 18/ 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.58 /2019-20/69 dated :-10/06/2019.

Qty. Recived. : 05 Sets of cube Date of Receipt: 10/06/2019. Tested on: 11/06/2019 To 15/06/2019 as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube 1:2:4 Mix O.S No. : 2217,2226,2237,2240,2255/SS Lab. Sample No.: 6056 to 6060 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 04/06/2019, For Foundation. Quantity represents 22.00 Cum	7 th day compressive strength	151.77	Kg/Cm2	140 kg/cm2	11.11	28 th day test is due on 02/07/2019. The same may please be witnessed on due date.
			167.63	Kg/Cm2			
			147.24	Kg/Cm2			
		Average	155.55	Kg/Cm2			
2	Cement concrete cube of mix 1:2:4 , cast on 05/06/2019, For Foundation/walls. Quantity represents 20.50 Cum	7 th day compressive strength	147.24	Kg/Cm2	140 kg/cm2	13.26	28 th day test is due on 03/07/2019. The same may please be witnessed on due date.
			169.89	Kg/Cm2			
			158.57	Kg/Cm2			
		Average	158.57	Kg/Cm2			
3	Cement concrete cube of mix 1:2:4 , cast on 06/06/2019, For walls. Quantity represents 22.00 Cum	7 th day compressive strength	165.36	Kg/Cm2	140 kg/cm2	11.11	28 th day test is due on 04/07/2019. The same may please be witnessed on due date.
			147.24	Kg/Cm2			
			154.04	Kg/Cm2			
		Average	155.55	Kg/Cm2			
4	Cement concrete cube of mix 1:2:4 , cast on 07/06/2019, For Foundation. Quantity represents 21.00 Cum	7 th day compressive strength	160.83	Kg/Cm2	140 kg/cm2	6.25	28 th day test is due on 05/07/2019. The same may please be witnessed on due date.
			140.45	Kg/Cm2			
			144.98	Kg/Cm2			
		Average	148.75	Kg/Cm2			
5	Cement concrete cube of mix 1:2:4 , cast on 08/06/2019, For Foundation. Quantity represents 20.50 Cum	7 th day compressive strength	147.24	Kg/Cm2	140 kg/cm2	9.49	28 th day test is due on 06/07/2019. The same may please be witnessed on due date.
			163.10	Kg/Cm2			
			149.51	Kg/Cm2			
		Average	153.28	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