

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 6871,6872,6911,6915,6955 / Lab / **163** / 2019 - 20

Dated:- 07/ 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: 29/05/2019 To 03/06/2019 as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube 1:2:4 Mix O.S No. :515,516,555,559/SP & 2013/SS Lab. Sample No.: 4953 to 4957 Tested By: Mr. S.M.Patri. A.E. & Mrs. S.B. Naik Shirodkar. J.E.

**Cube test witnessed by Shri. Rajeev Kadam, JE, SD III, WDI, Pernem Goa, on 01/06/2019.**

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	7 <sup>th</sup> day compressive strength	129.12	Kg/Cm2	140 kg/cm2	<b>-2.92</b>	28 th day test is due on 19/06/2019. The same may please be witnessed on due date.
			142.71	Kg/Cm2			
			135.92	Kg/Cm2			
		<b>Average</b>	<b>135.92</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	7 <sup>th</sup> day compressive strength	140.45	Kg/Cm2	140 kg/cm2	10.57	28 th day test is due on 20/06/2019. The same may please be witnessed on due date.
			176.69	Kg/Cm2			
			147.24	Kg/Cm2			
		<b>Average</b>	<b>154.79</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	7 <sup>th</sup> day compressive strength	135.92	Kg/Cm2	140 kg/cm2	2.48	28 th day test is due on 21/06/2019. The same may please be witnessed on due date.
			138.18	Kg/Cm2			
			156.30	Kg/Cm2			
		<b>Average</b>	<b>143.47</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	7 <sup>th</sup> day compressive strength	147.24	Kg/Cm2	140 kg/cm2	25.13	28 th day test is due on 22/06/2019. The same may please be witnessed on due date.
			169.89	Kg/Cm2			
			208.40	Kg/Cm2			
		<b>Average</b>	<b>175.18</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	7 <sup>th</sup> day compressive strength	151.77	Kg/Cm2	140 kg/cm2	20.27	28 th day test is due on 24/06/2019. The same may please be witnessed on due date.
			172.16	Kg/Cm2			
			181.22	Kg/Cm2			
		<b>Average</b>	<b>168.38</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