

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :7066,7099,7116,7146,7163,7183,/ Lab / **183** / 2019 - 20 Dated:- 13 / 06 / 2019  
Laboratory : Bicholim - Goa. Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of Work: - Improvement to River bank near Bailpar Bandhara at Kutwal V.P. Allorna in Pernem Taluka.**

Ref. to Requisition No.: MI/SDIII/WDI/WRD/ F.24 /2019-20/ **44** Dated :- 16 / 05 / 2019.

Qty. Recived. : 06 Sets of cube Date of Receipt :- 16 / 05 / 2019. Tested on: 07/06/2019 To 12/06/2019. as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube 1:2:4 Mix O.S No. : 2131,2166/SS.,585/SP,2196,2212,2219/SS. Lab. Sample No.: 4723 To 4728. Tested By: - Mrs. S.B. Naik Shirodkar. J.E. & Mr. S.M.Patri. A.E

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Cement concrete cube of mix 1:2:4 , cast on 10 / 05 / 2019, For Foundation	28 <sup>th</sup> day compressive strength	217.47	Kg/Cm2	210 kg/cm2	6.07	1. Quantity represents 20.00 Cum. 2. Excat location of work done is not specified.
			242.38	Kg/Cm2			
			208.40	Kg/Cm2			
		<b>Average</b>	<b>222.75</b>	<b>Kg/Cm2</b>			
2	Cement concrete cube of mix 1:2:4 , cast on 11 / 05 / 2019, For Foundation	28 <sup>th</sup> day compressive strength	215.20	Kg/Cm2	210 kg/cm2	7.15	1. Quantity represents 21.00 Cum. 2. Excat location of work done is not specified.
			253.71	Kg/Cm2			
			206.14	Kg/Cm2			
		<b>Average</b>	<b>225.02</b>	<b>Kg/Cm2</b>			
3	Cement concrete cube of mix 1:2:4 , cast on 12 / 05 / 2019, For Foundation	28 <sup>th</sup> day compressive strength	219.73	Kg/Cm2	210 kg/cm2	5.71	1. Quantity represents 20.00 Cum. 2. Excat location of work done is not specified.
			208.40	Kg/Cm2			
			237.85	Kg/Cm2			
		<b>Average</b>	<b>222.00</b>	<b>Kg/Cm2</b>			
4	Cement concrete cube of mix 1:2:4 , cast on 13 / 05 / 2019, For Walls	28 <sup>th</sup> day compressive strength	237.85	Kg/Cm2	210 kg/cm2	6.79	1. Quantity represents 21.00 Cum. 2. Excat location of work done is not specified.
			231.06	Kg/Cm2			
			203.87	Kg/Cm2			
		<b>Average</b>	<b>224.26</b>	<b>Kg/Cm2</b>			
5	Cement concrete cube of mix 1:2:4 , cast on 14 / 05 / 2019, For Walls	28 <sup>th</sup> day compressive strength	231.06	Kg/Cm2	210 kg/cm2	8.95	1. Quantity represents 20.50 Cum. 2. Excat location of work done is not specified.
			219.73	Kg/Cm2			
			235.59	Kg/Cm2			
		<b>Average</b>	<b>228.79</b>	<b>Kg/Cm2</b>			
6	Cement concrete cube of mix 1:2:4 , cast on 15 / 05 / 2019, For Walls	28 <sup>th</sup> day compressive strength	260.51	Kg/Cm2	210 kg/cm2	9.31	1. Quantity represents 21.00 Cum. 2. Excat location of work done is not specified.
			224.26	Kg/Cm2			
			203.87	Kg/Cm2			
		<b>Average</b>	<b>229.55</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