

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7035,7065,7098,7117,7147/ Lab / **179** /2019 - 20
Laboratory : Bicholim- Goa.

Dated:- 11 / 06 / 2019
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of Work: - Improvement to Approach of Bandhara at Madkai Ozrim in Pernem Taluka.

Ref. to Requisition no.: MI/SDIII/WDI/WRD/ F.19 /2019-20/ **43** Dated :- 16 / 05 / 2019.

Qty. Recived. : 05 Sets of cube Date of Receipt: - 16 / 05 / 2019. Tested on: 06/06/2019 To 10/06/2019. as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube Mix 1 : 2 : 4 O.S No. :- 2099,2130,2165/SS ,586/SP,2197/SS. Lab. Sample No.: 4718 To 4722 Tested By: Mrs. S.B. Naik Shirodkar. J.E. & S.M.Patri. A.E.

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Plain Cement concrete cube of mix 1 : 2 : 4 cast on 09/05/2019, PCC for Foundation . Represents Qty - 20.00 Cum.	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/Cm ²	3.20	1) Excat location of work executed is not specified.
			222.00	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	216.71	Kg/Cm²			
2	Plain Cement concrete cube of mix 1 : 2 : 4 cast on 10/05/2019 , PCC for Foundation . Represents Qty - 21.00 Cum.	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/Cm ²	11.11	... Do ...
			237.85	Kg/Cm ²			
			249.18	Kg/Cm ²			
		Average	233.32	Kg/Cm²			
3	Plain Cement concrete cube of mix 1 : 2 : 4 cast on 11/05/2019 PCC for Foundation . Represents Qty - 20.00 Cum.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/Cm ²	5.71	... Do ...
			231.06	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	222.00	Kg/Cm²			
4	Plain Cement concrete cube of mix 1 : 2 : 4 cast on 12/05/2019, PCC for Walls . Represents Qty - 21.00 Cum.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/Cm ²	6.43	... Do ...
			222.00	Kg/Cm ²			
			233.32	Kg/Cm ²			
		Average	223.51	Kg/Cm²			
5	Plain Cement concrete cube of mix 1 : 2 : 4 cast on 13/05/2019, PCC for Walls . Represents Qty - 20.50 Cum.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/Cm ²	6.07	... Do ...
			242.38	Kg/Cm ²			
			210.67	Kg/Cm ²			
		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