

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F.6-2/Cube -T : 6917,6954,6982,7032 / Lab / **168** / 2019 - 20 Dated:- 10 / 06 / 2019

Laboratory : Bicholim -Goa / Sub Division V (QC)/WRD/ Bicholim -Goa.

**Name of Work: - Construction of D.W.C. 20- L from ch. 1120 m to 1870 m of L.B.M.C. of T.I.P. at Tivim village of Bardez Taluka.**

Ref. to Requisition No.: WRD/WD VIII/SD II /W.F.3 /2019-20/ **15** Dated :- 21-05-2019

Qty. Recived. : 04 Sets of cube Date of Receipt: - 21/05/2019. Tested on: - 01/06/19 To 06 /06/2019

Ref to CPWD :2002, Vol. I

Sample: RCC 1 :2 : 4 & 1 : 3 : 6 Mix O.S No. : 561/SP, 2012,2042,2096/SS. Lab. Sample No.: 4753 To 4756.

Tested By: - Mr. S.M. Patri. A.E. & Mrs. S. B. Naik

Shirodkar. J.E..

SR.NO.	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 04 / 05 /2019, PCC for Pedestal work . Represents Qty - 8.00 Cum.	28th day compressive strength	231.06	Kg/Cm <sup>2</sup>	210.00 Kg/Cm <sup>2</sup>	17.58	....
			271.83	Kg/Cm <sup>2</sup>			
			237.85	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>246.91</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Plain Cement concrete cube of mix 1 : 2 : 4, cast on 06 / 05 /2019, PCC for Pedestal work . Represents Qty - 7.00 Cum.	28th day compressive strength	258.24	Kg/Cm <sup>2</sup>	210.00 Kg/Cm <sup>2</sup>	13.98	....
			233.32	Kg/Cm <sup>2</sup>			
			226.53	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>239.36</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Plain Cement concrete cube of mix 1 : 3 : 6, cast on 07 / 05 /2019, PCC for in foundation for Pedestal work . Represents Qty - 8.00 Cum.	28th day compressive strength	140.45	Kg/Cm <sup>2</sup>	100.00 Kg/Cm <sup>2</sup>	25.34	....
			126.85	Kg/Cm <sup>2</sup>			
			108.73	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>125.34</b>	<b>Kg/Cm<sup>2</sup></b>			
4	Plain Cement concrete cube of mix 1 : 2 : 4, cast on 09 / 05 /2019, PCC for Pedestal work . Represents Qty -7.00 Cum.	28th day compressive strength	215.20	Kg/Cm <sup>2</sup>	210.00 Kg/Cm <sup>2</sup>	5.35	....
			226.53	Kg/Cm <sup>2</sup>			
			222.00	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>221.24</b>	<b>Kg/Cm<sup>2</sup></b>			

Copy to: 1. The Assistant Engineer SD II , WD VIII , WRD , Tivim Bardez - Goa.

2. Copy submitted to the Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa. For kind Information.

3. Copy submitted to the Executive Engineer ,WDVIII,WRD, Karaswada - Bardez - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer