

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F.6-2/Cube -T :6966,7008,7056/ Lab / **171** / 2019 - 20      Dated:- 10 / 06 / 2019

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

**Name of Work: - Construction of Outlets and field channels for DOR-22 of S.D.C. of L.B.M.C. of T.I.P. at Bicholim - Goa.**

Ref. to Requisition No.: WRD/WD VIII/SD VI / F.255 /2019-20/ **12**      Dated :- 10-05-2019

Qty. Recived. : 03 Sets of cube      Date of Receipt: - 10 /05/2019.      Tested on: - 03/06/19 To 07 /06/2019      Ref to CPWD :2002, Vol. I

Sample: PCC 1 :2 : 4 & 1 : 3 : 6 Mix      O.S No. : 2024, 2070,2121/SS.      Lab. Sample No.: 4640 To 4642.      Tested By: - 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 : 3 : 6, cast on 06 / 05 /2019, PCC for pedestal and Anchor blocks, chambers .	28 <sup>th</sup> day compressive strength	135.92	Kg/Cm <sup>2</sup>	100.00 Kg/Cm <sup>2</sup>	25.34	Represents quantity - 8.50 Cum.
			126.85	Kg/Cm <sup>2</sup>			
			113.26	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>125.34</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 08 / 05 /2019, PCC for pedestal and Anchor blocks, chambers .	28 <sup>th</sup> day compressive strength	210.67	Kg/Cm <sup>2</sup>	210.00 Kg/Cm <sup>2</sup>	6.79	Represents quantity - 14.50 Cum.
			226.53	Kg/Cm <sup>2</sup>			
			235.59	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>224.26</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 10 / 05 /2019, PCC for pedestal and Anchor blocks, chambers .	28 <sup>th</sup> day compressive strength	222.00	Kg/Cm <sup>2</sup>	210.00 Kg/Cm <sup>2</sup>	8.23	Represents quantity - 12.00 Cum.
			228.79	Kg/Cm <sup>2</sup>			
			231.06	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>227.28</b>	<b>Kg/Cm<sup>2</sup></b>			

Copy to: 1. The Assistant Engineer SD VI , WD VIII , WRD , Bicholim - 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