

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 8770,8791,8801 / Lab / **438** / 2019 - 20 Dated:- 14 / 02 / 2020 Laboratory : Bicholim - Goa.

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

**Name of work : Construction of Branches 1,2 & 3 and field channels of Bastora Minor - I off Taking at Ch. 33.610 km of LBMC of TIP at Bastora Village of Bardez Taluka.**

Ref. to Requisition No.: WRD /WD VIII / SD III / W F.52 /2019-20/ **278** dated :- 04 / 02 / 2020.

Qty. Recived. : 03 Sets of cube Date of Receipt:- 10 / 02 / 2020. Tested on: - 10 /02/2020 To 14/02/2020 as per due dates.

Sample: Cube Mix 1 : 2 : 4 O.S No. : 3209,3224,3234/SS. Lab. Sample No.: 7912 To 7914 Ref to CPWD :2009, Vol. I

Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 13/01/2020, PCC for chambers for outlet .	28 <sup>th</sup> day compressive strength	203.87	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	4.99	Qty represents - 14.00 Cum
			219.73	Kg/Cm <sup>2</sup>			
			237.85	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>220.49</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 15/01/2020, PCC for chambers for outlet .	28 <sup>th</sup> day compressive strength	226.53	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	4.99	Qty represents - 18.00 Cum
			215.20	Kg/Cm <sup>2</sup>			
			219.73	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>220.49</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 17/01/2020, PCC for chambers for outlet .	28 <sup>th</sup> day compressive strength	215.20	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	8.59	Qty represents - 13.00 Cum
			242.38	Kg/Cm <sup>2</sup>			
			226.53	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>228.04</b>	<b>Kg/Cm<sup>2</sup></b>			

Copy to: 1. The Assistant Engineer , SDIII , WD VIII, WRD, Karaswada, 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 ,WD VIII ,WRD, Karaswada -Bardez - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer