

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 8834,8961,8974,9007 & 9043 / Lab / **478** / 2019 - 20

Dated:- 07 / 03 / 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 , Bardez Taluka.**

Ref. to Requisition No.: SD III /WD VIII /WRD / W F.52 /2019-20/ 288 Dated :- 13 / 02 / 2020.

Qty. Recived. : 05 Sets of cube. Date of Receipt:- 15/ 02 / 2020. Tested on: - 18/02/2020 To 06/03/2020, as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. : 3246,3316,3323,3349 & 3376 /SS. Lab. Sample No.: 7927 To 7931 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

**REPORT PAGE 01 OF 01**

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 21/01/2020. PCC for Chambers for Outlets.	28 <sup>th</sup> day compressive strength	255.97	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	11.47	Qty represents -18.00 Cum.
			226.53	Kg/Cm <sup>2</sup>			
			219.73	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>234.08</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 01/02/2020. PCC for Chambers for Outlets.	28 <sup>th</sup> day compressive strength	217.47	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.87	Qty represents -1600 Cum.
			235.59	Kg/Cm <sup>2</sup>			
			226.53	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>226.53</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 03/02/2020. PCC for Chambers for Outlets.	28 <sup>th</sup> day compressive strength	219.73	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	8.95	Qty represents - 12.00 Cum.
			240.12	Kg/Cm <sup>2</sup>			
			226.53	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>228.79</b>	<b>Kg/Cm<sup>2</sup></b>			
4	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 05/02/2020. PCC for Chambers for Outlets.	28 <sup>th</sup> day compressive strength	271.83	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	21.89	Qty represents - 18.00 Cum.
			249.18	Kg/Cm <sup>2</sup>			
			246.91	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>255.97</b>	<b>Kg/Cm<sup>2</sup></b>			
5	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 07/02/2020. PCC for Chambers for Outlets.	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 - 18.00 Cum.
			240.12	Kg/Cm <sup>2</sup>			
			217.47	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>220.49</b>	<b>Kg/Cm<sup>2</sup></b>			

Copy to: 1. The Assistant Engineer , SD III , 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