

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 8077 & 8098 / Lab / **341** / 2019 - 20      Dated:- 18/12 / 2019      Laboratory : Bicholim - Goa.  
Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of work : Construction of Outlets and R - Minor 6 taking off at ch. 7.38 km of SDC of LBMC of TIP at Sarvan, Bicholim Goa.**

Ref. to Requisition No.: WRD /WD VIII / SD VI / F.257 / 2019-20 /103      dated :- 21 / 11 / 2019.

Qty. Recived. : 02 Sets of cube      Date of Receipt:- 21 / 11 / 2019.      Tested on: -16/12 / 2019 & 18/12/2019      Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1 : 2 : 4      O.S No. : 2864 & 2870 /SS.      Lab. Sample No.: 6935 & 6936      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 18/11/2019, for Bed concrete below pipe of outlets, Anchor blocks, Pillar of HRP and chambers at Outlet.	28 <sup>th</sup> day compressive strength	206.14	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	3.55	Qty represents - 14.80 Cum.
			219.73	Kg/Cm <sup>2</sup>			
			226.53	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>217.47</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 20/11/2019, for Bed concrete below pipe of outlets, Anchor blocks, Pillar of HRP and chambers at Outlet.	28 <sup>th</sup> day compressive strength	199.34	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	3.91	Qty represents - 14.50 Cum.
			219.73	Kg/Cm <sup>2</sup>			
			235.59	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>218.22</b>	<b>Kg/Cm<sup>2</sup></b>			

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

4. QC Lab File.      5. Bill File.

Junior Engineer

Assistant Engineer