

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7093,7228 & 7253 / Lab / **203** / 2019 - 20      Dated:- 18/ 06 / 2019      Laboratory : Bicholim - Goa.  
Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of work : Construction of DWC 20 L from ch. 1120 m to ch. 1870 m of of LBMC of TIP at Tivim Village of Bardez Taluka.**

Ref. to Requisition No.: WRD /WD VIII / SD II/ W F.03 /2019-20/25      dated :-30 / 05 / 2019.

Qty. Recived. : 03 Set of cube      Date of Receipt:- 30/ 05 / 2019.      Tested on: - 08 ,14 & 15 /06 / 2019.      Ref to CPWD :2002, Vol. I

Sample: Cube Mix 1:3:6 & 1 : 2 : 4      O.S No. : 2160,2241,2254/SS.      Lab. Sample No.: 4968 to 4970      Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Plain Cement concrete cube of mix <b>1 : 3 : 6</b> , cast on 11/05/2019, for foundation, Pedestal work .	28 <sup>th</sup> day compressive strength	124.59	Kg/Cm <sup>2</sup>	100.00 Kg/cm <sup>2</sup>	14.02	Qty represents - 8.00 Cum.
			113.26	Kg/Cm <sup>2</sup>			
			104.20	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>114.02</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 17/05/2019, for Pedestal work .	28 <sup>th</sup> day compressive strength	215.20	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	6.43	Quantity represents 7.00 Cum
			206.14	Kg/Cm <sup>2</sup>			
			249.18	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>223.51</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 18/05/2019, for Pedestal work .	28 <sup>th</sup> day compressive strength	237.85	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	3.91	Quantity represents 7.00 Cum
			203.87	Kg/Cm <sup>2</sup>			
			212.93	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 , SDII , 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 ,WD VIII ,WRD, Karaswada -Bardez - Goa.  
4. QC Lab File.      5. Bill File.

Junior Engineer

Assistant Engineer