

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 9077,9081,9100,9114,9132,9144,9161 / Lab / **489** / 2019 - 20 Dated:- 16/03/ 2020 Laboratory : Bicholim - Goa.  
Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of work : Construction of Field Channels for DWC 2L takes off from chainage. 24.761 km of LBMC of of TIP at Colvale village in Bardez Taluka.**

Ref. to Requisition No.: SD I/W D VIII /WRD / W F.16 / 2019-20 / **201** dated :- 17 / 02 / 2020.

Qty. Recived. : - 07 Sets of cube Date of Receipt :- 17 / 02 / 2020. Tested on : - 08/03/2020 To 14/03/2020 as per due dates . Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1 : 2 : 4 O.S No. : 3402,3407,3430,3440,3455,3463/SS,636/SP. Lab. Sample No.: 7940 To 7946 Tested By: Mrs. S.B. Naik Shirodkar. J.E. & Mr. S.M. Patri.A.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 09 / 02 / 2020, PCC for Beds of Chamber.	28 <sup>th</sup> day compressive strength	212.93	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	3.91	Qty represents - 7.00 Cum.
			226.53	Kg/Cm <sup>2</sup>			
			215.20	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>218.22</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 10 / 02 / 2020,. PCC for Chamber wall	28 <sup>th</sup> day compressive strength	231.06	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	6.07	Qty represents - 6.00 Cum.
			224.26	Kg/Cm <sup>2</sup>			
			212.93	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>222.75</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 11 / 02 / 2020,. PCC for Chamber wall	28 <sup>th</sup> day compressive strength	226.53	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	6.07	Qty represents - 6.00 Cum.
			208.40	Kg/Cm <sup>2</sup>			
			233.32	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>222.75</b>	<b>Kg/Cm<sup>2</sup></b>			
4	Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 12 / 02 / 2020, PCC for Beds of Chamber.	28 <sup>th</sup> day compressive strength	219.73	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	5.35	Qty represents - 7.00 Cum.
			206.14	Kg/Cm <sup>2</sup>			
			237.85	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>221.24</b>	<b>Kg/Cm<sup>2</sup></b>			

Junior Engineer

Assistant Engineer

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 13 / 02 / 2020. PCC for Chamber wall.	28 <sup>th</sup> day compressive strength	233.32	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.51	Qty represents - 7.00 Cum.
			217.47	Kg/Cm <sup>2</sup>			
			226.53	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>225.77</b>	<b>Kg/Cm<sup>2</sup></b>			
6	Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 14 / 02 / 2020. PCC for Beds of Chamber.	28 <sup>th</sup> day compressive strength	237.85	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	6.79	Qty represents - 6.00 Cum.
			208.40	Kg/Cm <sup>2</sup>			
			226.53	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>224.26</b>	<b>Kg/Cm<sup>2</sup></b>			
7	Plain Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 15 / 02 / 2020. PCC for Chamber wall.	28 <sup>th</sup> day compressive strength	224.26	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	5.35	Qty represents - 7.50 Cum.
			210.67	Kg/Cm <sup>2</sup>			
			228.79	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>221.24</b>	<b>Kg/Cm<sup>2</sup></b>			

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