

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 9170,9185,9202,9220,9232,9247,9259 & 9266 / Lab / **501** / 2019 - 20 Dated:- 26/03/ 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 / **223** dated :- 25 / 02 / 2020.

Qty. Recived. : - 08 Sets of cube. Date of Receipt :- 25 / 02 / 2020. Tested on : - 16/03/2020 To 23/03/2020 as per due dates . Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1 : 2 : 4 O.S No. : 3469,3479,3492,3511,3527,3540/SS,640,647/SP. Lab. Sample No.: 8049 To 8056 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 1 : 2 : 4 , cast on 17 / 02 / 2020, PCC for Beds of Chamber.	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	10.39	Qty represents - 7.00 Cum.
			240.12	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	231.81	Kg/Cm²			
2	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 18 / 02 / 2020. PCC for Chamber wall	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	3.55	Qty represents - 6.00 Cum.
			231.06	Kg/Cm ²			
			203.87	Kg/Cm ²			
		Average	217.47	Kg/Cm²			
3	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 19 / 02 / 2020,. PCC for Chamber wall	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	3.55	Qty represents - 6.00 Cum.
			215.20	Kg/Cm ²			
			210.67	Kg/Cm ²			
		Average	217.47	Kg/Cm²			
4	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 20 / 02 / 2020, PCC for Beds of Chamber.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	10.39	Qty represents - 7.00 Cum.
			217.47	Kg/Cm ²			
			242.38	Kg/Cm ²			
		Average	231.81	Kg/Cm²			

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 1 : 2 : 4 , cast on 21 / 02 / 2020. PCC for Chamber wall.	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ²	2.12	Qty represents - 7.00 Cum.
			219.73	Kg/Cm ²			
			210.67	Kg/Cm ²			
		Average	214.44	Kg/Cm²			
6	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 22 / 02 / 2020. PCC for Beds of Chamber.	28 th day compressive strength	206.14	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 6.00 Cum.
			215.20	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
7	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 23 / 02 / 2020. PCC for Chamber wall.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	6.79	Qty represents - 7.50 Cum.
			226.53	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	224.26	Kg/Cm²			
8	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 24 / 02 / 2020. PCC for Chamber wall.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	4.99	Qty represents - 7.50 Cum.
			224.26	Kg/Cm ²			
			228.79	Kg/Cm ²			
		Average	220.49	Kg/Cm²			

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