

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :9292,9323,9336, 9351,9355,9356,9377 & 9385 / Lab / **02** / 2020 - 21 Dated:- 13 / 04 / 2020.
Laboratory : Bicholim - Goa. Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of Field Chnnels for DWC 2-L takes off from Ch. 24.761 Km of LBMC of TIP at Colvale village in Bardez Taluka.

Ref. to Requisition No.: SD I / WD VIII /WRD / W. F.16 /2019-20/ **230** Dated :- 05 / 03 / 2020.

Qty. Recived. : 08 Sets of cube Date of Receipt:- 05 / 03 / 2020. Tested on: - 25/03/2020 To 01/04/2020, as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. : 665,685,693,700,704,705,713,717/SP. Lab. Sample No.: 8265 To 8272 Tested By: Mr. S. M. Patri. A..E.

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 26/02/2020. P.C.C. for Chamber beds .	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 7.00 Cum.
			203.87	Kg/Cm ²			
			240.12	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
2	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 27/02/2020. P.C.C. for Chamber walls .	28 th day compressive strength	199.34	Kg/Cm ²	210.00 Kg/cm ²	5.35	Qty represents - 6.00 Cum.
			219.73	Kg/Cm ²			
			244.65	Kg/Cm ²			
		Average	221.24	Kg/Cm²			
3	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 28/02/2020. P.C.C. for Chamber walls.	28 th day compressive strength	199.34	Kg/Cm ²	210.00 Kg/cm ²	3.55	Qty represents - 6.00 Cum.
			212.93	Kg/Cm ²			
			240.12	Kg/Cm ²			
		Average	217.47	Kg/Cm²			
4	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 29/02/2020. P.C.C. for Chamber beds .	28 th day compressive strength	210.67	Kg/Cm ²	210.00 Kg/cm ²	3.55	Qty represents - 7.00 Cum.
			199.34	Kg/Cm ²			
			242.38	Kg/Cm ²			
		Average	217.47	Kg/Cm²			
5	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 01/03/2020. P.C.C. for Chamber walls .	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	5.71	Qty represents - 7.00 Cum.
			206.14	Kg/Cm ²			
			242.38	Kg/Cm ²			
		Average	222.00	Kg/Cm²			
6	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 02/03/2020. P.C.C. for Chamber beds .	28 th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ²	4.99	Qty represents - 6.00 Cum.
			210.67	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	220.49	Kg/Cm²			

Junior Engineer

Assistant Engineer

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
7	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 03/03/2020. P.C.C. for Chamber walls .	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	5.35	Qty represents - 7.50 Cum.
			210.67	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	221.24	Kg/Cm²			
8	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 04/03/2020. P.C.C. for Chamber walls .	28 th day compressive strength	203.87	Kg/Cm ²	210.00 Kg/cm ²	4.27	Qty represents - 7.50 Cum.
			242.38	Kg/Cm ²			
			210.67	Kg/Cm ²			
		Average	218.98	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