

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 8275,8276,8285,8286, / Lab / **369** / 2019 - 20 Dated:- 04 / 01/ 2020 Laboratory : Bicholim - Goa.
8297,8298,8316 & 8317 Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work :- Improvement to the canal lining by providing R.C.C. lining from Ch. 6.400 Kms To Ch. 6.950 Kms R.B.M.C. of T.I.P. at Hali and Chandel in Pernem Taluka.

Ref to requisition No.:- SD I / WDVII / WRD / F.357 / 2019-20/ **249** Dated :- 11 / 12 / 2019.

Qty. Recived. : 08 Sets of cube Date of Receipt:- 11 / 12 / 2019. Tested on: - 01/01/2020 To 04 /01 /2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:3:6 & 1:1.5:3 O.S No. : 1414,1415/AF, 2917,2918,2930,2931 /SS, 1432,1433/AF. Lab. Sample No.: 7191 To 7198.

Tested By: - Mr. Anil. R. Fadte. J.E. & Mrs. S.B.Naik Shirodkar. J.E.

REPORT PAGE 01 OF 02

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Plain Cement concrete cube of mix 1 : 3 : 6 , cast on 04 /12/2019. PCC Bed for Canal Lining	28 th day compressive strength	129.12	Kg/Cm ²	100.00 Kg/cm ²	26.85	1) Qty represents - 40.00 Cum for two sets. 2) Excat location of work done is not specified.
			124.59	Kg/Cm ²			
			126.85	Kg/Cm ²			
		Average	126.85	Kg/Cm²			
2	Plain Cement concrete cube of mix 1 : 3 : 6 , cast on 04 /12/2019. PCC Bed for Canal Lining	28 th day compressive strength	120.06	Kg/Cm ²	100.00 Kg/cm ²	23.08	... Do
			126.85	Kg/Cm ²			
			122.32	Kg/Cm ²			
		Average	123.08	Kg/Cm²			
3	Plain Cement concrete cube of mix 1 : 3 : 6 , cast on 05 /12/2019. PCC Bed for Canal Lining	28 th day compressive strength	106.47	Kg/Cm ²	100.00 Kg/cm ²	10.24	1) Qty represents - 40.00 Cum for two sets. 2) Excat location of work done is not specified.
			113.26	Kg/Cm ²			
			111.00	Kg/Cm ²			
		Average	110.24	Kg/Cm²			
4	Plain Cement concrete cube of mix 1 : 3 : 6 , cast on 05 /12/2019. PCC Bed for Canal Lining	28 th day compressive strength	124.59	Kg/Cm ²	100.00 Kg/cm ²	16.28	... Do
			117.79	Kg/Cm ²			
			106.47	Kg/Cm ²			
		Average	116.28	Kg/Cm²			

Junior Engineer

Assistant Engineer

REPORT PAGE 02 OF 02

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
5	Plain Cement concrete cube of mix 1 : 3 : 6 , cast on 06 /12/2019. PCC Bed for Canal Lining	28 th day compressive strength	129.12	Kg/Cm ²	100.00 Kg/cm ²	17.79	1) Qty represents - 40.00 Cum for two sets. 2) Excat location of work done is not specified.
			117.79	Kg/Cm ²			
			106.47	Kg/Cm ²			
		Average	117.79	Kg/Cm²			
6	Plain Cement concrete cube of mix 1 : 3 : 6 , cast on 06 /12/2019. PCC Bed for Canal Lining	28 th day compressive strength	120.06	Kg/Cm ²	100.00 Kg/cm ²	23.83	... Do
			115.53	Kg/Cm ²			
			135.92	Kg/Cm ²			
		Average	123.83	Kg/Cm²			
7	Reinforced Cement concrete cube of mix 1 : 1.5 : 3 , cast on 07 /12/2019. RCC for Canal Lining.	28 th day compressive strength	260.51	Kg/Cm ²	265.00 Kg/cm ²	6.57	1) Qty represents - 40.00 Cum for two sets . 2) Excat location of work done is not specified.
			287.69	Kg/Cm ²			
			299.01	Kg/Cm ²			
		Average	282.40	Kg/Cm²			
8	Reinforced Cement concrete cube of mix 1 : 1.5 : 3 , cast on 07 /12/2019. RCC for Canal Lining.	28 th day compressive strength	262.77	Kg/Cm ²	265.00 Kg/cm ²	11.41	... Do
			339.79	Kg/Cm ²			
			283.16	Kg/Cm ²			
		Average	295.24	Kg/Cm²			

1. Copy to The Assistant Engineer ,Sub Division -I, W.D. VII, WRD, Dhargal -Pernem - Goa .
2. Copy submitted to The Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa for kind Information.
3. Copy submitted to The Executive Engineer ,Works Division - VII ,WRD, Dhargal - Pernem - Goa.
4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer