

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 8216,8227,8228 & 8241 / Lab/ **359**/2019 - 20

Dt :- 30 / 12/ 2019

Laboratory : Bicholim - Goa.

Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : - Restoring of lining , Improvement to Super Passage at chainage 16.600 Kms and Inspection Path from Ch. 0.00 km Ch 1.00 Kms & Ch. 8.800 Kms To Ch.9.320 Kms of R.B.M.C. of T.I.P. in Pernem Taluka.

Ref to requisition No.:- SD I / WDVII / WRD / F.353 /2019-20/ **243** Dated :- 02 / 12 / 2019.

Qty. Recived. : 04 Sets of cube Date of Receipt:-26/12/2019. Tested on: -26/12/2019 To 28/12 /2019 as per due dates.

Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:3:6,1:2:4 & 1:1.5:3 O.S No. : 1357,1368,1369,1382/AF. Lab. Sample No.: 7416 To 7419.

Tested By:

- Mr. Anil. R. Fadte. J.E.

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Plain Cement concrete cubes of mix 1 : 3 : 6 , cast on 28 /11/2019 for Canal Lining base.	28 th day compressive strength	111.00	Kg/Cm ²	100.00 Kg/cm ²	11.00	1) Qty represents - 20.00 Cum . 2)Exact location of work done is not specified.
			106.47	Kg/Cm ²			
			115.53	Kg/Cm ²			
		Average	111.00	Kg/Cm²			
2	Plain Cement concrete cubes of mix 1 : 2 : 4 , cast on 29 /11/2019 for Canal Lining.	28 th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ²	4.63	1)Qty represents -20.00 Cum for two sets .2)Exact location of work done is not specified.
			208.40	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
3	Plain Cement concrete cubes of mix 1 : 2 : 4 , cast on 29 /11/2019 for Canal Lining.	28 th day compressive strength	228.79	Kg/Cm ²	210.00 Kg/cm ²	5.35	... Do
			224.26	Kg/Cm ²			
			210.67	Kg/Cm ²			
		Average	221.24	Kg/Cm²			
4	Reinforced Cement concrete cubes of mix 1 : 1.5 : 3 , cast on 30 /11/2019 for Canal Lining.	28 th day compressive strength	269.57	Kg/Cm ²	265.00 Kg/cm ²	1.15	1) Qty represents - 20.00 Cum . 2)Exact location of work done is not specified.
			269.57	Kg/Cm ²			
			265.04	Kg/Cm ²			
		Average	268.06	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