

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No: WRD/QC/F.6-2/Cube -T : 6881,6882,6891,6892,6899,6900/Lab/**63**/2023 - 24 Dated:- 19/05/2023.
6908,6909,6912,6920,6933,6934.

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

Name of work : Construction of Protection wall in Sy. No. 87/7A, 7C at Village Poriem of Sattari Taluka.

Ref. to Requisition No : F.50/SDIV/WDVI/WRD/2023-24/17. Dt.:- 10/05/2023

Qty. Recived : **12** Sets of cube Date of Receipt:- 10/05/2023. Tested on:- 10,11,12,13,14,15 & 16/05/2023 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No : 1185,1186,1192,1201,1218,1219/RK & 816,817,828,829,839,840/SS Lab. Sample No: 7077 to 7088

Tested By: Mrs. R.R. Kadam A.E. & Mrs. S.B. Naik Shirodkar. J.E.

REPORT PAGE 01 OF 02

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix 1:2:4 , cast on 12/04/2023. for Foundation Ch.0.00 to 0.15 mt.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	10.03	Qty represents - 37.95 m3 for two sets of Cube.
			231.06	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	231.06	Kg/Cm²			
2	Cement concrete cube of mix 1:2:4 , cast on 12/04/2023. for Foundation Ch.0.00 to 0.15 mt.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	4.63	---do---
			217.47	Kg/Cm ²			
			233.32	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
3	Cement concrete cube of mix 1:2:4 , cast on 13/04/2023. for Foundation Ch.15.00 to 29.00 mt.	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/cm ²	10.39	Qty represents - 35.42 m3 for two sets of Cube.
			226.53	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	231.81	Kg/Cm²			
4	Cement concrete cube of mix 1:2:4 , cast on 13/04/2023. for Foundation Ch.15.00 to 29.00 mt.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	5.71	---do---
			217.47	Kg/Cm ²			
			233.32	Kg/Cm ²			
		Average	222.00	Kg/Cm²			
5	Cement concrete cube of mix 1:2:4 , cast on 14/04/2023. for 1st Lift Ch. 0.00 to 15.00 mt.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	12.54	Qty represents - 29.02 m3 for two sets of Cube.
			244.65	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	236.34	Kg/Cm²			

Assistant Engineer

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
6	Cement concrete cube of mix 1:2:4 , cast on 14/04/2023. for 1st Lift Ch. 0.00 to 15.00 mt.	28 th day compressive strength	240.12	Kg/Cm ²	210.00 Kg/cm ²	10.75	Qty represents - 29.02 m3 for two sets of Cube.
			226.53	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	232.57	Kg/Cm²			
7	Cement concrete cube of mix 1:2:4 , cast on 15/04/2023. for 1st Lift Ch. 15.00 to 29.00 mt.	28 th day compressive strength	210.67	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 27.63 m3 for two sets of Cube.
			226.53	Kg/Cm ²			
			222.00	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
8	Cement concrete cube of mix 1:2:4 , cast on 15/04/2023. for 1st Lift Ch. 15.00 to 29.00 mt.	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/cm ²	6.43	---do---
			208.40	Kg/Cm ²			
			228.79	Kg/Cm ²			
		Average	223.51	Kg/Cm²			
9	Cement concrete cube of mix 1:2:4 , cast on 16/04/2023. for 2nd Lift Ch. 0.00 to 14.50 mt.	28 th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ²	6.43	Qty represents - 20.88 m3
			240.12	Kg/Cm ²			
			206.14	Kg/Cm ²			
		Average	223.51	Kg/Cm²			
10	Cement concrete cube of mix 1:2:4 , cast on 17/04/2023. for 2nd Lift Ch. 14.50 to 29.00 mt.	28 th day compressive strength	228.79	Kg/Cm ²	210.00 Kg/cm ²	5.35	Qty represents - 20.88 m3
			210.67	Kg/Cm ²			
			224.26	Kg/Cm ²			
		Average	221.24	Kg/Cm²			
11	Cement concrete cube of mix 1:2:4 , cast on 18/04/2023. for 3rd Lift Ch.0.00 to 21.00 mt.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	7.51	Qty represents - 27.40 m3 for two sets of Cube.
			215.20	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	225.77	Kg/Cm²			
12	Cement concrete cube of mix 1:2:4 , cast on 18/04/2023. for 3rd Lift Ch.0.00 to 21.00 mt.	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/cm ²	10.03	---do---
			237.85	Kg/Cm ²			
			222.00	Kg/Cm ²			
		Average	231.06	Kg/Cm²			

Copy to: 1. The Assistant Engineer, SDIV, WDV, WRD, Sarvan Bicholim - Goa.
2. Copy submitted to The Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa for kind Information.
3. Copy submitted to The Executive Engineer, WDV, WRD, Sarvan Bicholim - Goa.
4. QC Lab File. 5. Bill File.

Assistant Engineer