

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 5291 to 5302/ Lab /150/ 2022 - 23 Dated:- 25/ 07/2022. Laboratory : Bicholim - Goa.

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

Name of work : Construction of wall for Nallah from main road to the river for protecting the Paddy fields at Pandav waddo Chodan Madel in Mayem Constituency.

Ref. to Requisition No.:F.246/WRD/WDVI/SDI/2022-23/141 Dt.:- 12/07/ 2022

Qty. Recived. : 12 Sets of cube Date of Receipt:- 15/07/ 2022. Tested on: - 15,16,17,18,19 & 20/07/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No. :9243 to 9252, 9256 & 9257/SS Lab. Sample No.: **5144 to 5155**

Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Valu e permissable	% above or below	REMARK
1	Cement concrete cube of mix 1 : 2: 4 , cast on 17/06/2022. PCC for Foundation of Ret wall RHS.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	5.35	Qty represents - 9.00 Cum.
			215.20	Kg/Cm ²			
			222.00	Kg/Cm ²			
		Average	221.24	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2: 4 , cast on 17/06/2022. PCC for Foundation of Ret wall RHS.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	10.03	Qty represents - 9.00 Cum.
			212.93	Kg/Cm ²			
			244.65	Kg/Cm ²			
		Average	231.06	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2: 4 , cast on 18/06/2022. PCC for Foundation of Ret wall LHS.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	7.51	Qty represents - 9.00 Cum.
			219.73	Kg/Cm ²			
			222.00	Kg/Cm ²			
		Average	225.77	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2: 4 , cast on 18/06/2022. PCC for Foundation of Ret wall LHS.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 6.84 Cum.
			208.40	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
5	Cement concrete cube of mix 1 : 2: 4 , cast on 19/06/2022. PCC for RHS Ret wall.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	2.48	Qty represents - 18.50 Cum.
			203.87	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	215.20	Kg/Cm²			

Junior Engineer

Assistant Engineer

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min. Value permissible	% above or below	REMARK
6	Cement concrete cube of mix 1 : 2: 4 , cast on 19/06/2022. PCC for LHS Ret wall.	28 th day compressive strength	210.67	Kg/Cm ²	210.00 Kg/cm ²	6.43	Qty represents - 19.00 Cum.
			228.79	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	223.51	Kg/Cm²			
7	Cement concrete cube of mix 1 : 2: 4 , cast on 20/06/2022. PCC for RHS Ret wall.	28 th day compressive strength	201.61	Kg/Cm ²	210.00 Kg/cm ²	3.20	Qty represents - 18.50 Cum.
			226.53	Kg/Cm ²			
			222.00	Kg/Cm ²			
		Average	216.71	Kg/Cm²			
8	Cement concrete cube of mix 1 : 2: 4 , cast on 20/06/2022. PCC for LHS Ret wall.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	4.27	Qty represents - 18.50 Cum.
			231.06	Kg/Cm ²			
			210.67	Kg/Cm ²			
		Average	218.98	Kg/Cm²			
9	Cement concrete cube of mix 1 : 2: 4 , cast on 21/06/2022. PCC for RHS Ret wall.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	2.12	Qty represents - 18.50 Cum.
			217.47	Kg/Cm ²			
			199.34	Kg/Cm ²			
		Average	214.44	Kg/Cm²			
10	Cement concrete cube of mix 1 : 2: 4 , cast on 21/06/2022. PCC for LHS Ret wall.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	6.79	Qty represents - 19.00 Cum.
			231.06	Kg/Cm ²			
			233.32	Kg/Cm ²			
		Average	224.26	Kg/Cm²			
11	Cement concrete cube of mix 1 : 2: 4 , cast on 22/06/2022. PCC for RHS Ret wall.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 18.50 Cum.
			208.40	Kg/Cm ²			
			224.26	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
12	Cement concrete cube of mix 1 : 2: 4 , cast on 22/06/2022. PCC for LHS Ret wall.	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	3.91	Qty represents - 18.50 Cum.
			219.73	Kg/Cm ²			
			203.87	Kg/Cm ²			
		Average	218.22	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD I , WDWI , WRD, 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 , WD VI ,WRD, Bicholim- Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer