

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :2107,2108,2116,2117,2127,2138/ Lab / **102** / 2021 - 22 Dated:- 10/ 06 / 2021. Laboratory : Bicholim - Goa
,2139,2151,2152,2178 Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Improvement to nallah by construction of protection wall in Survey No. 12/1 & 13/7 at Gaonkarwada in Naroa Village of Bicholim Taluka.

Ref. to Requisition No.:F.36/SDIII/WDVI/WRD/2021-22/33 Dated :- 21/ 05/ 2021.

Qty. Recived. : 10 Sets of cube Date of Receipt:- 22/ 05 / 2021. Tested on: -01,02,03,04,05,07/06/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix PCC 1:2:4 O.S No.:6344,6345,6355,6356/SS,72/RK,6368,6369,6382,6383,6409/SS Lab. Sample No.: 1590 to 1599 Tested By:Mrs.R.R.Kadam.A.E. & Mrs. Shirodkar. J.E.

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SR.N O.	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 04/05/2021. PCC for foundation of wall on LHS.	28 th day compressive strength	228.79	Kg/Cm ²	210.00 Kg/cm ²	5.35	Qty represents - 16.00 Cum.
			231.06	Kg/Cm ²			
			203.87	Kg/Cm ²			
		Average	221.24	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 04/05/2021. PCC for foundation of wall on LHS.	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	3.55	Qty represents - 16.00 Cum.
			215.20	Kg/Cm ²			
			219.73	Kg/Cm ²			
		Average	217.47	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 05/05/2021. PCC for foundation of wall on LHS.	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	5.71	Qty represents - 16.00 Cum.
			208.40	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	222.00	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 05/05/2021. PCC for foundation of wall on RHS.	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	5.35	Qty represents - 16.00 Cum.
			219.73	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	221.24	Kg/Cm²			
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 06/05/2021. PCC for foundation of wall on RHS.	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ²	2.12	Qty represents - 16.00 Cum.
			210.67	Kg/Cm ²			
			219.73	Kg/Cm ²			
		Average	214.44	Kg/Cm²			

Junior Engineer

Assistant Engineer

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SR.N O.	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 07/05/2021. PCC for wall on LHS 1 st lift.	28 th day compressive strength	210.67	Kg/Cm ²	210.00 Kg/cm ²	6.07	Qty represents - 17.00 Cum.
			219.73	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	222.75	Kg/Cm²			
7	Cement concrete cube of mix 1 : 2: 4 , cast on 07/05/2021. PCC for wall on LHS 1 st lift.	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	2.48	Qty represents - 17.00 Cum.
			208.40	Kg/Cm ²			
			217.47	Kg/Cm ²			
		Average	215.20	Kg/Cm²			
8	Cement concrete cube of mix 1 : 2: 4 , cast on 08/05/2021. PCC for wall on LHS 1 st lift.	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 17.00 Cum.
			235.59	Kg/Cm ²			
			203.87	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
9	Cement concrete cube of mix 1 : 2: 4 , cast on 08/05/2021. PCC for wall on RHS 1 st lift.	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ²	6.43	Qty represents - 18.00 Cum.
			231.06	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	223.51	Kg/Cm²			
10	Cement concrete cube of mix 1 : 2: 4 , cast on 08/05/2021. PCC for wall on RHS 1 st lift.	28 th day compressive strength	203.87	Kg/Cm ²	210.00 Kg/cm ²	3.20	Qty represents - 18.00 Cum.
			215.20	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	216.71	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD III , WD VI , WRD, Mulgao - 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