

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 2814,2815,2821,2822,2830/ Lab /**233**/ 2021 - 22 Dated:-14/12/2021.
2831,2838 2839,2840,2841,2852 & 2853.

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

Name of work : Stabilization of Hill with RCC retaining wall behind the house of Shri Anil Y. Ambeskar & others at Ambeshi Pale in Sankhalim constituency.

Ref. to Requisition No.: F.227/WRD/WDVI/SDI/342/2020-21 Dt.:- 26/ 11 /2021.

Qty. Recived. : 12 Sets of cube Date of Receipt:- 30/ 11/ 2021. Tested on: -30/11/2021 & 03,06,08,09 & 11/12/2021 as per due dates. Ref to CPWD :2009, Vol.

Sample: Cube Mix RCC 1:1.5:3 O.S No. :7142,7143,7157,7158/SS & 116,117/R.K. & 7168,7169,7171,7172,7183 & 7184/SS Lab. Sample No.: 2443 To 2454

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

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SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Valu e permissable	% above or below	REMARK
1	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 02/11/2021. RCC for Raft wall	28 th day compressive strength	289.95	Kg/Cm ²	265.00 Kg/cm ²	5.43	Qty represents - 15.00 Cum.
			271.83	Kg/Cm ²			
			276.36	Kg/Cm ²			
			Average	279.38			
2	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 02/11/2021. RCC for Raft wall	28 th day compressive strength	271.83	Kg/Cm ²	265.00 Kg/cm ²	3.15	Qty represents - 13.00 Cum.
			285.42	Kg/Cm ²			
			262.77	Kg/Cm ²			
			Average	273.34			
3	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 05/11/2021. RCC for Raft wall	28 th day compressive strength	292.22	Kg/Cm ²	265.00 Kg/cm ²	7.71	Qty represents - 14.00 Cum.
			280.89	Kg/Cm ²			
			283.16	Kg/Cm ²			
			Average	285.42			
4	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 05/11/2021. RCC for Raft wall	28 th day compressive strength	280.89	Kg/Cm ²	265.00 Kg/cm ²	7.42	Qty represents - 15.00 Cum.
			294.48	Kg/Cm ²			
			278.63	Kg/Cm ²			
			Average	284.67			
5	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 08/11/2021. RCC for Vertical wall	28 th day compressive strength	271.83	Kg/Cm ²	265.00 Kg/cm ²	6.28	Qty represents - 12.00 Cum.
			283.16	Kg/Cm ²			
			289.95	Kg/Cm ²			
			Average	281.65			

Junior Engineer

Assistant Engineer

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SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min. Value permissible	% above or below	REMARK
6	Cement concrete cube of mix 1 : 1.5: 3 , cast on 08/11/2021. RCC for Vertical wall	28 th day compressive strength	269.57	Kg/Cm ²	265.00 Kg/cm ²	5.43	Qty represents - 12.00 Cum.
			283.16	Kg/Cm ²			
			285.42	Kg/Cm ²			
			Average	279.38			
7	Cement concrete cube of mix 1 : 1.5: 3 , cast on 10/08/2021. RCC for Vertical wall	28 th day compressive strength	303.55	Kg/Cm ²	265.00 Kg/cm ²	9.13	Qty represents - 12.00 Cum.
			292.22	Kg/Cm ²			
			271.83	Kg/Cm ²			
			Average	289.20			
8	Cement concrete cube of mix 1 : 1.5: 3 , cast on 10/11/2021. RCC for Vertical wall	28 th day compressive strength	280.89	Kg/Cm ²	265.00 Kg/cm ²	6.57	Qty represents - 13.00 Cum.
			289.95	Kg/Cm ²			
			276.36	Kg/Cm ²			
			Average	282.40			
9	Cement concrete cube of mix 1 : 1.5: 3 , cast on 11/11/2021. RCC for Vertical wall	28 th day compressive strength	280.89	Kg/Cm ²	265.00 Kg/cm ²	5.43	Qty represents - 18.00 Cum.
			267.30	Kg/Cm ²			
			289.95	Kg/Cm ²			
			Average	279.38			
10	Cement concrete cube of mix 1 : 1.5: 3 , cast on 11/11/2021. RCC for Vertical wall	28 th day compressive strength	276.36	Kg/Cm ²	265.00 Kg/cm ²	7.99	Qty represents - 19.00 Cum.
			299.01	Kg/Cm ²			
			283.16	Kg/Cm ²			
			Average	286.18			
11	Cement concrete cube of mix 1 : 1.5: 3 , cast on 13/11/2021. RCC for Raft/key for vertical wall	28 th day compressive strength	283.16	Kg/Cm ²	265.00 Kg/cm ²	6.57	Qty represents - 22.50 Cum.
			278.63	Kg/Cm ²			
			285.42	Kg/Cm ²			
			Average	282.40			
12	Cement concrete cube of mix 1 : 1.5: 3 , cast on 13/11/2021. RCC for for Raft/key for vertical wall	28 th day compressive strength	299.01	Kg/Cm ²	265.00 Kg/cm ²	9.13	Qty represents - 19.00 Cum.
			289.95	Kg/Cm ²			
			278.63	Kg/Cm ²			
			Average	289.20			

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