

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 794,803,822,840,867 / Lab /**242**/ 2020 - 21 Dated:- 15/ 02 / 2021. Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of open type bandhara across nalla at Vagharachoband Surla in Bicholim Taluka.

Ref. to Requisition No.: WRD/WDVI/SDI/F.W.206/2020-21/430 Dated :- 07/ 01 / 2021.

Qty. Received. :5 Sets of cube Date of Receipt:- 07/ 01/ 2021. Tested on: -28,29,30/01/2021 & 01 ,02/02/2021as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1 : 1.5 : 3 & 1:2:4 O.S No. : 4815,4825,4845,4867,4894/SS Lab. Sample No.: 32 To 36 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix 1 :1.5 : 3 , cast on 31/12/2020. For Bandhara Piers.	28 th day compressive strength	285.42	Kg/Cm ²	265.00 Kg/cm ²	9.13	Qty represents - 11.50 Cum for one sets of cubes.
			301.28	Kg/Cm ²			
			280.89	Kg/Cm ²			
			Average	289.20			
2	Cement concrete cube of mix 1 :2 : 4 , cast on 01/01/2021. For Ret. Wall 2nd step R.H.S.	28 th day compressive strength	265.04	Kg/Cm ²	210.00 Kg/cm ²	15.42	Qty represents - 9.00 Cum for one sets of cubes.
			235.59	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	242.38			
3	Cement concrete cube of mix 1 :2 : 4 , cast on 02/01/2021. For Ret. Wall 2nd step L.H.S.	28 th day compressive strength	240.12	Kg/Cm ²	210.00 Kg/cm ²	12.54	Qty represents - 9.00 Cum for one sets of cubes.
			231.06	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	236.34			
4	Cement concrete cube of mix 1 :2 : 4 , cast on 04/01/2021. For Ret. Wall 3rd step R.H.S & L.H.S.	28 th day compressive strength	262.77	Kg/Cm ²	210.00 Kg/cm ²	15.42	Qty represents - 4.00 Cum for one sets of cubes.
			226.53	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	242.38			
5	Cement concrete cube of mix 1 :2 : 4 , cast on 05/01/2021. For Ret. Wall 3rd step R.H.S & L.H.S.	28 th day compressive strength	265.04	Kg/Cm ²	210.00 Kg/cm ²	20.45	Qty represents - 4.00 Cum for one sets of cubes.
			249.18	Kg/Cm ²			
			244.65	Kg/Cm ²			
			Average	252.95			

Copy to: 1. The Assistant Engineer , SD I , WD VI , 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