

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F. 6-2/Cube -T :- 7315,7344,7366/Lab/110/2023 - 24 Dated:- 26/06/2023.

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

Name of work :- Construction of Open Type Bandhara across nallah at Bhatacho bandh Khotvaingan in Adwalpal village of Bicholim Taluka.

Ref. to Requisition No : F.36/SDIII/WDVI/WRD/2023-24/26 dated :- 27/05/2023.

Qty. Recived. : 03 Sets of cubes Date of Receipt:- 19/06/2023 Tested on:- 19,21 & 23/06/2023 Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 & 1:1.5:3 O.S No: 1533/RK & 942,978/SS . Lab. Sample No: 7541 To 7543 Tested By: Mrs. R.R. Kadam A.E. 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 1:2:4, cast on 22/05/2023. PCC for Layer I of u/s and d/s retaining wall.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	7.51	Qty represents - 18.00 cum.
			219.73	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	225.77	Kg/Cm²			
2	Cement concrete cube of mix 1:1.5:3, cast on 24/05/2023. RCC for Piers.	28 th day compressive strength	262.77	Kg/Cm ²	265.00 Kg/cm ²	4.86	Qty represents - 8.00 cum.
			283.16	Kg/Cm ²			
			287.69	Kg/Cm ²			
		Average	277.87	Kg/Cm²			
3	Cement concrete cube of mix 1:2:4, cast on 26/05/2023. PCC for Layer II of u/s and d/s retaining wall.	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/cm ²	13.62	Qty represents - 18.00 cum.
			237.85	Kg/Cm ²			
			244.65	Kg/Cm ²			
		Average	238.61	Kg/Cm²			

Copy to: 1. The Assistant Engineer, SDIII, WDVI, 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, WDVI, WRD, Bicholim - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer