

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F. 6-2/Cube -T :- 7190,7216,7240/Lab/100/2023 - 24 Dated:- 17/06/2023.

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/2023-24/22 dated :-18/05/2023.

Qty. Recived. : 03 Sets of cubes Date of Receipt:- 08/06/2023 Tested on:- 09,12 & 14/06/2023 Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:1.5:3 & 1:2:4 O.S No: 1488,1514/RK & 863/SS . Lab. Sample No: 7427 To 7429 Tested By: Mrs. R.R. Kadam A.E. Mrs. S.B.Naik Shirodkar. J.E.

**REPORT PAGE 01 OF 02**

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Cement concrete cube of mix 1:1.5:3, cast on 12/05/2023. RCC for pier Foundation.	28 <sup>th</sup> day compressive strength	280.89	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	2.86	Qty represents - 18.00 cum.
			265.04	Kg/Cm <sup>2</sup>			
			271.83	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>272.59</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix 1:2:4, cast on 15/05/2023. PCC for d/s apron.	28 <sup>th</sup> day compressive strength	224.26	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	4.27	Qty represents - 19.00 cum.
			226.53	Kg/Cm <sup>2</sup>			
			206.14	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>218.98</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Cement concrete cube of mix 1:2:4, cast on 17/05/2023. PCC for d/s & u/s apron.	28 <sup>th</sup> day compressive strength	208.40	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	5.35	Qty represents - 18.00 cum.
			217.47	Kg/Cm <sup>2</sup>			
			237.85	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>221.24</b>	<b>Kg/Cm<sup>2</sup></b>			

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