

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F. 6-2/Cube -T :- 7023,7024,7037,7038,7059,7060/Lab/**84**/2023 - 24 Dated:- 01/06/2023. Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work :- Improvement to flood protection wall along the bank of River Chapora near Konkarn Railway Bridge and near house of Pramod Gaonkar at Mali Wada in V.P. Revora in Thivim Constituency.

Ref. to Requisition No : SDII/WDI/WRD/F.24/2023-24/47 dated :- 03/05/2023.

Qty. Recived. : 06 Sets of cubes Date of Receipt:- 24/05/2023 Tested on:- 25,27 & 30/05/2023 Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No: 1315,1316,1334,1335,1357,1358/RK. Lab. Sample No: 7189 To 7194 Tested By: Mrs. R.R. Kadam A.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 27/04/2023. for Ch. 0.00 mt to 20 mt.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	6.79	Qty represents - 24.00 M3 for two sets of cube.
			208.40	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	224.26	Kg/Cm²			
2	Cement concrete cube of mix 1:2:4 , cast on 27/04/2023. for Ch. 0.00 mt to 20 mt.	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/cm ²	4.99	---do---
			224.26	Kg/Cm ²			
			203.87	Kg/Cm ²			
		Average	220.49	Kg/Cm²			
3	Cement concrete cube of mix 1:2:4 , cast on 29/04/2023. for Ch. 20.00 mt to 40 mt.	28 th day compressive strength	228.79	Kg/Cm ²	210.00 Kg/cm ²	6.79	Qty represents - 24.00 M3 for two sets of cube.
			208.40	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	224.26	Kg/Cm²			
4	Cement concrete cube of mix 1:2:4 , cast on 29/04/2023. for Ch. 20.00 mt to 40 mt.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	7.15	---do---
			224.26	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	225.02	Kg/Cm²			

Assistant Engineer

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Cement concrete cube of mix 1:2:4 , cast on 02/05/2023. for Ch. 40.00 mt to 60 mt.	28 th day compressive strength	206.14	Kg/Cm ²	210.00 Kg/cm ²	7.15	Qty represents - 24.00 M3 for two sets of cube.
			235.59	Kg/Cm ²			
			233.32	Kg/Cm ²			
		Average	225.02	Kg/Cm²			
6	Cement concrete cube of mix 1:2:4 , cast on 02/05/2023. for Ch. 40.00 mt to 60 mt.	28 th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ²	6.43	---do---
			228.79	Kg/Cm ²			
			217.47	Kg/Cm ²			
		Average	223.51	Kg/Cm²			

Copy to: 1. The Assistant Engineer, SDII, WDI, WRD, Mapusa Bardez - Goa.

2. Copy submitted to The Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa for kind Information.

3. Copy submitted to The Executive Engineer, WDI, WRD, Porvorim - Goa.

4. QC Lab File. 5. Bill File.

Assistant Engineer