

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.

**REPORT PAGE 01 OF 02**

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix <b>1:2:4</b> , cast on 27/04/2023. for Ch. 0.00 mt to 20 mt.	28 <sup>th</sup> day compressive strength	226.53	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	6.79	Qty represents - 24.00 M3 for two sets of cube.
			208.40	Kg/Cm <sup>2</sup>			
			237.85	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>224.26</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix <b>1:2:4</b> , cast on 27/04/2023. for Ch. 0.00 mt to 20 mt.	28 <sup>th</sup> day compressive strength	233.32	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	4.99	---do---
			224.26	Kg/Cm <sup>2</sup>			
			203.87	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>220.49</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Cement concrete cube of mix <b>1:2:4</b> , cast on 29/04/2023. for Ch. 20.00 mt to 40 mt.	28 <sup>th</sup> day compressive strength	228.79	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	6.79	Qty represents - 24.00 M3 for two sets of cube.
			208.40	Kg/Cm <sup>2</sup>			
			235.59	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>224.26</b>	<b>Kg/Cm<sup>2</sup></b>			
4	Cement concrete cube of mix <b>1:2:4</b> , cast on 29/04/2023. for Ch. 20.00 mt to 40 mt.	28 <sup>th</sup> day compressive strength	215.20	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.15	---do---
			224.26	Kg/Cm <sup>2</sup>			
			235.59	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>225.02</b>	<b>Kg/Cm<sup>2</sup></b>			

Assistant Engineer

**REPORT PAGE 02 OF 02**

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

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