

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No: WRD/QC/F.6-2/Cube -T : 7033,6961,6969,6970,6977,7038/Lab/**73**/2023 - 24 Dated:- 25/05/2023.
6987,6988,6999,7000.

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

Name of work : Repairs to Pier and Side walls of Sluice Gate at Khajan Gundo Bund in V.P. Parsem in Mandrem Constituency.

Ref. to Requisition No : MI/SDIII/WDI/WRD/F.58/2023-24/35. Dt.:- 04/05/2023

Qty. Recived : **10** Sets of cube Date of Receipt:- 04/05/2023. Tested on:- 19,20,22,23 & 24/05/2023 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No : 1245,1246,1254,1255,1262,1263,1275,1276,1287,1288/RK Lab. Sample No: 7033 to 7042 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 1:2:4 , cast on 21/04/2023. for Foundation.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	3.91	Qty represents - 23.00 M3 for two sets of cube.
			226.53	Kg/Cm ²			
			219.73	Kg/Cm ²			
		Average	218.22	Kg/Cm²			
2	Cement concrete cube of mix 1:2:4 , cast on 21/04/2023. for Foundation.	28 th day compressive strength	251.44	Kg/Cm ²	210.00 Kg/cm ²	17.58	---do---
			253.71	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	246.91	Kg/Cm²			
3	Cement concrete cube of mix 1:2:4 , cast on 22/04/2023. for Foundation.	28 th day compressive strength	267.30	Kg/Cm ²	210.00 Kg/cm ²	20.09	Qty represents - 19.00 M3 for two sets of cube.
			240.12	Kg/Cm ²			
			249.18	Kg/Cm ²			
		Average	252.20	Kg/Cm²			
4	Cement concrete cube of mix 1:2:4 , cast on 22/04/2023. for Foundation.	28 th day compressive strength	267.30	Kg/Cm ²	210.00 Kg/cm ²	29.80	---do---
			280.89	Kg/Cm ²			
			269.57	Kg/Cm ²			
		Average	272.59	Kg/Cm²			
5	Cement concrete cube of mix 1:2:4 , cast on 24/04/2023. for Wall.	28 th day compressive strength	246.91	Kg/Cm ²	210.00 Kg/cm ²	11.82	Qty represents - 24.00 M3 for two sets of cube.
			222.00	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	234.83	Kg/Cm²			

Assistant Engineer

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
6	Cement concrete cube of mix 1:2:4 , cast on 24/04/2023. for Wall.	28 th day compressive strength	280.89	Kg/Cm ²	210.00 Kg/cm ²	25.13	Qty represents - 24.00 M3 for two sets of cube.
			249.18	Kg/Cm ²			
			258.24	Kg/Cm ²			
		Average	262.77	Kg/Cm²			
7	Cement concrete cube of mix 1:2:4 , cast on 25/04/2023. for Wall.	28 th day compressive strength	258.24	Kg/Cm ²	210.00 Kg/cm ²	9.67	Qty represents - 25.00 M3 for two sets of cube.
			217.47	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	230.30	Kg/Cm²			
8	Cement concrete cube of mix 1:2:4 , cast on 25/04/2023. for Wall.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	4.63	---do---
			226.53	Kg/Cm ²			
			224.26	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
9	Cement concrete cube of mix 1:2:4 , cast on 26/04/2023. for Wall.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	6.07	Qty represents - 18.00 M3 for two sets of cube.
			215.20	Kg/Cm ²			
			217.47	Kg/Cm ²			
		Average	222.75	Kg/Cm²			
10	Cement concrete cube of mix 1:2:4 , cast on 26/04/2023. for Wall.	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	4.27	---do---
			217.47	Kg/Cm ²			
			208.40	Kg/Cm ²			
		Average	218.98	Kg/Cm²			

Copy to: 1. The Assistant Engineer, SDIII, WDI, WRD, Pernem- 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, Sinchai Bhawan Porvorim- Goa.
4. QC Lab File. 5. Bill File.

Assistant Engineer