

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 3402,3422,3423,3426,3427/ Lab /334/ 2021 - 22 Dated:- 17 /03/2022. Laboratory : Bicholim - Goa.
3449 & 3462. Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of Open type Bandhara across Bicholim River at Gaonkarwada at Bicholim.

Ref. to Requisition No.: WRD/WDVI/SDI/F.W.220/2021-22/ Dt.:- 17/ 02 /2022.
Qty. Recived. : 07 Sets of cube Date of Receipt:- 17/ 02/ 2022. Tested on:- 09,11,12,15 & 16/03/2022 as per due dates. Ref to CPWD :2009, Vol. I
Sample: Cube Mix RCC 1:1.5:3 & PCC 1:2:4 O.S No. : 7878,7900,7901,7904,7905 & 7922/SS & 167/R.K.Lab. Sample No.: 3031 To 3037 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.Valu e permissable	% above or below	REMARK
1	Cement concrete cube of mix 1 : 1.5 :3 , cast on 09/02/2022. RCC for Abutment on bund side Stabilising existing wall on bund side Ganesh Visarjan steps 2nd step.	28 th day compressive strength	283.16	Kg/Cm ²	265.00 Kg/cm ²	9.13	Qty represents - 16.06 Cum.
			296.75	Kg/Cm ²			
			287.69	Kg/Cm ²			
			Average	289.20			
2	Cement concrete cube of mix 1 : 2 :4 , cast on 11/02/2022. PCC for Ganesh Visarjan new steps Key Wall Foundation.	28 th day compressive strength	251.44	Kg/Cm ²	210.00 Kg/cm ²	19.02	Qty represents - 26.22 Cum for two sets of cubes.
			253.71	Kg/Cm ²			
			244.65	Kg/Cm ²			
			Average	249.93			
3	Cement concrete cube of mix 1 : 2 :4 , cast on 11/02/2022. PCC for Ganesh Visarjan new steps Key Wall Foundation.	28 th day compressive strength	240.12	Kg/Cm ²	210.00 Kg/cm ²	15.42	----- do -----
			246.91	Kg/Cm ²			
			240.12	Kg/Cm ²			
			Average	242.38			
4	Cement concrete cube of mix 1 : 2 :4 , cast on 12/02/2022. PCC for Ganesh Visarjan new steps 1st Step, 2nd step.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	16.14	Qty represents - 22.54 Cum for two sets of cubes.
			249.18	Kg/Cm ²			
			246.91	Kg/Cm ²			
			Average	243.89			
5	Cement concrete cube of mix 1 : 2 :4 , cast on 12/02/2022. PCC for Ganesh Visarjan new steps 1st Step, 2nd step.	28 th day compressive strength	253.71	Kg/Cm ²	210.00 Kg/cm ²	19.02	----- do -----
			258.24	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	249.93			

Junior Engineer

Assistant Engineer

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SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min. Value permissible	% above or below	REMARK
6	Cement concrete cube of mix 1 : 2 :4 , cast on 15/02/2022. PCC for Ganesh Visarjan new steps 3rd step, 4th step.	28 th day compressive strength	255.97	Kg/Cm ²	210.00 Kg/cm ²	21.17	Qty represents - 14.69 Cum.
			258.24	Kg/Cm ²			
			249.18	Kg/Cm ²			
		Average	254.46	Kg/Cm²			
7	Cement concrete cube of mix 1 : 2 :4 , cast on 16/02/2022. PCC for Ganesh Visarjan new steps 5th step, 6th step, 7th step.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	12.18	Qty represents - 13.99 Cum.
			226.53	Kg/Cm ²			
			244.65	Kg/Cm ²			
		Average	235.59	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD I , WDV I , WRD,Bicholim - Goa.

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

3. Copy submitted to The Executive Engineer , WD VI ,WRD, Bicholim- Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer