

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :1141,1142,1178,1198,1199/ Lab /**316**/ 2020 - 21 Dated:- 26/ 03/ 2021. Laboratory : Bicholim - Goa
,1216,1245,1358 Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of Bandhara cum Footbridge at Khodgine-Surla in Bicholim Taluka.

Ref. to Requisition No.:F.227/WRD/WDVI/SDI/557/2020-21 Dated :- 01/ 03 / 2021.

Qty. Recived. :08 Sets of cube Date of Receipt:- 01/ 03 / 2021. Tested on: - 02,04,05,06,09 & 18/03/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 & 1:1.5:3 O.S No. :5218,5219,5262,5285,5286,5306,5335,5477/SS Lab. Sample No.: 555 to 562 Tested By: Mrs. S.B. Naik Shirodkar. J.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 : 1.5 :3 , cast on 02/02/2021. For Pier Foundation of Bandhara.	28 th day compressive strength	294.48	Kg/Cm ²	265.00 Kg/cm ²	15.40	Qty represents -26.00 Cum.
			305.81	Kg/Cm ²			
			317.14	Kg/Cm ²			
		Average	305.81	Kg/Cm²			
2	Cement concrete cube of mix 1 : 1.5 :3 , cast on 02/02/2021. For Pier Foundation of Bandhara.	28 th day compressive strength	283.16	Kg/Cm ²	265.00 Kg/cm ²	8.85	Qty represents -26.00 Cum.
			285.42	Kg/Cm ²			
			296.75	Kg/Cm ²			
		Average	288.44	Kg/Cm²			
3	Cement concrete cube of mix 1 : 1.5 :3 , cast on 04/02/2021. For Pier of Bandhara.	28 th day compressive strength	249.18	Kg/Cm ²	265.00 Kg/cm ²	0.30	Qty represents -15.00 Cum.
			271.83	Kg/Cm ²			
			276.36	Kg/Cm ²			
		Average	265.79	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 05/02/2021. For Apron on D/s of Bandhara.	28 th day compressive strength	249.18	Kg/Cm ²	210.00 Kg/cm ²	11.11	Qty represents -28.00 Cum.
			215.20	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	233.32	Kg/Cm²			
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 05/02/2021. For Apron on D/s of Bandhara.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	10.03	Qty represents -28.00 Cum.
			235.59	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	231.06	Kg/Cm²			

Junior Engineer

Assistant Engineer

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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 06/02/2021. For 2nd step of Ret wall on U/s side of Bandhara L.H.S & R.H.S .	28 th day compressive strenath	244.65	Kg/Cm ²	210.00 Kg/cm ²	7.87	Qty represents -11.50 Cum.
			226.53	Kg/Cm ²			
			208.40	Kg/Cm ²			
		Average	226.53	Kg/Cm²			
7	Cement concrete cube of mix 1 : 2 : 4 , cast on 09/02/2021. For 2nd step of Ret wall on D/s side of Bandhara L.H.S & R.H.S .	28 th day compressive strength	201.61	Kg/Cm ²	210.00 Kg/cm ²	8.23	Qty represents -16.00 Cum.
			244.65	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	227.28	Kg/Cm²			
8	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 18/02/2021. For Beam and Slab of foot bridge on Bandhara.	28 th day compressive strength	296.75	Kg/Cm ²	265.00 Kg/cm ²	6.28	Qty represents -10.00 Cum.
			289.95	Kg/Cm ²			
			258.24	Kg/Cm ²			
		Average	281.65	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SDI , WD VI, 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