

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 1817,1818,1819,1820,1849 / Lab / 51 / 2021 - 22 Dated:- 03/05/2021. Laboratory : Bicholim - Goa.

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

Name of work :Construction of Bandhara (Rajwalacho bandh) at village Golauli in V.P.Dongurli Thane in Sattari Taluka.

Ref. to Requisition No.: MIN/WDVI/WRD/SDII/F.62/21-22/34 Dated :- 27/04/2021.

Qty. Received. :05 Sets of cube Date of Receipt:- 27/04/2021. Tested on: -29/04/2021 & 01/05/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix PCC 1:1.5: 3 O.S No. : 6020,6021,6022,6023,6059/SS. Lab. Sample No.: 1370 To 1374 Tested By: Mrs. Shirodkar. J.E.

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Cement concrete cube of mix 1 :1.5 : 3 , cast on 22/04/2021. P.C.C. for D/s Apron 1 st step.	7 th day compressive strength	181.22	Kg/Cm ²	175.00 Kg/cm ²	12.18	1)Qty represents -24.00 Cum. 2)28th day test due on 20/05/2021
			192.55	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	196.32	Kg/Cm²			
2	Cement concrete cube of mix 1 :1.5 : 3 , cast on 22/04/2021. P.C.C. for D/s Apron 1 st step.	7 th day compressive strength	174.43	Kg/Cm ²	175.00 Kg/cm ²	5.71	1)Qty represents -22.00 Cum. 2)28th day test due on 20/05/2021
			176.69	Kg/Cm ²			
			203.87	Kg/Cm ²			
		Average	185.00	Kg/Cm²			
3	Cement concrete cube of mix 1 :1.5 : 3 , cast on 22/04/2021. P.C.C. for D/s Apron 1 st step.	7 th day compressive strength	201.61	Kg/Cm ²	175.00 Kg/cm ²	8.30	1)Qty represents -23.00 Cum. 2)28th day test due on 20/05/2021
			192.55	Kg/Cm ²			
			174.43	Kg/Cm ²			
		Average	189.53	Kg/Cm²			
4	Cement concrete cube of mix 1 :1.5 : 3 , cast on 22/04/2021. P.C.C. for Retaining wall both side of Apron D/s 1 st step Foundation.	7 th day compressive strength	181.22	Kg/Cm ²	175.00 Kg/cm ²	6.14	1)Qty represents -10.00 Cum. 2)28th day test due on 20/05/2021
			210.67	Kg/Cm ²			
			165.36	Kg/Cm ²			
		Average	185.75	Kg/Cm²			
5	Cement concrete cube of mix 1 :1.5 : 3 , cast on 24/04/2021. P.C.C. for D/s cut off.	7 th day compressive strength	185.75	Kg/Cm ²	175.00 Kg/cm ²	4.85	1)Qty represents -15.00 Cum. 2)28th day test due on 22/05/2021
			172.16	Kg/Cm ²			
			192.55	Kg/Cm ²			
		Average	183.49	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD II , WD VI, WRD,Valpoi-Sattari - 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