

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :999,1006,1007,1023,1024/ Lab / **256** / 2020 - 21 Dated:- 22/ 02 / 2021. Laboratory : Bicholim - Goa
,1050,1049,1065,1066,1081,1082 Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Improvement to the existing Bund and Manas at Konadi Corgao in Pernem Taluka.

Ref. to Requisition No.:MI/SDIII/WDI/F-58/2020-21/397 Dated :- 15/ 02 / 2021.

Qty. Recived. :11 Sets of cube Date of Receipt:- 15/ 02 / 2021. Tested on: - 15/02/2021 to 20/02/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. : 5053,5063,5064,5082,5083,5112,5111,5130,5131,5147,5148/SS Lab. Sample No.: 464 to 474 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 : 2 : 4 , cast on 08/02/2021. For ch 0.00 to ch 18.00 (1).	7 th day compressive strength	156.30	Kg/Cm ²	140.00 Kg/cm ²	15.96	1)Qty represents -16.00 Cum. 2)28th day test due on 08/03/2021
			169.89	Kg/Cm ²			
			160.83	Kg/Cm ²			
		Average	162.34	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 09/02/2021. For ch 18.00 to ch 35.00 (1).	7 th day compressive strength	160.83	Kg/Cm ²	140.00 Kg/cm ²	8.95	1)Qty represents -15.00 Cum. 2)28th day test due on 09/03/2021
			151.77	Kg/Cm ²			
			144.98	Kg/Cm ²			
		Average	152.53	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 09/02/2021. For ch 35.00 to ch 50.00 (1).	7 th day compressive strength	147.24	Kg/Cm ²	140.00 Kg/cm ²	10.03	1)Qty represents -15.00 Cum. 2)28th day test due on 09/03/2021
			156.30	Kg/Cm ²			
			158.57	Kg/Cm ²			
		Average	154.04	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 10/02/2021. For ch 0.00 to ch 25.00 (2).	7 th day compressive strength	163.10	Kg/Cm ²	140.00 Kg/cm ²	15.42	1)Qty represents -18.00 Cum. 2)28th day test due on 10/03/2021
			154.04	Kg/Cm ²			
			167.63	Kg/Cm ²			
		Average	161.59	Kg/Cm²			
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 10/02/2021. For ch 25.00 to ch 50.00 (2).	7 th day compressive strength	169.89	Kg/Cm ²	140.00 Kg/cm ²	14.88	1)Qty represents -18.00 Cum. 2)28th day test due on 10/03/2021
			158.57	Kg/Cm ²			
			154.04	Kg/Cm ²			
		Average	160.83	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 11/02/2021. For ch 0.00 to ch 35.00 (3).	7 th day compressive strength	147.24	Kg/Cm ²	140.00 Kg/cm ²	8.41	1)Qty represents -18.00 Cum. 2)28th day test due on 11/03/2021
			160.83	Kg/Cm ²			
			147.24	Kg/Cm ²			
		Average	151.77	Kg/Cm ²			
7	Cement concrete cube of mix 1 : 2 : 4 , cast on 11/02/2021. For ch 50.00 to ch 70.00 (1).	7 th day compressive strength	174.43	Kg/Cm ²	140.00 Kg/cm ²	13.26	1)Qty represents -18.00 Cum. 2)28th day test due on 11/03/2021
			154.04	Kg/Cm ²			
			147.24	Kg/Cm ²			
		Average	158.57	Kg/Cm ²			
8	Cement concrete cube of mix 1 : 2 : 4 , cast on 12/02/2021. For ch 0.00 to ch 30.00 (4).	7 th day compressive strength	176.69	Kg/Cm ²	140.00 Kg/cm ²	14.34	1)Qty represents -20.00 Cum. 2)28th day test due on 12/03/2021
			147.24	Kg/Cm ²			
			156.30	Kg/Cm ²			
		Average	160.08	Kg/Cm ²			
9	Cement concrete cube of mix 1 : 2 : 4 , cast on 12/02/2021. For ch 0.00 to ch 40.00 (5).	7 th day compressive strength	154.04	Kg/Cm ²	140.00 Kg/cm ²	10.57	1)Qty represents -8.00 Cum. 2)28th day test due on 12/03/2021
			169.89	Kg/Cm ²			
			140.45	Kg/Cm ²			
		Average	154.79	Kg/Cm ²			
10	Cement concrete cube of mix 1 : 2 : 4 , cast on 13/02/2021. For ch 70.00 to ch 90.00 (1).	7 th day compressive strength	149.51	Kg/Cm ²	140.00 Kg/cm ²	14.34	1)Qty represents -20.00 Cum. 2)28th day test due on 13/03/2021
			169.89	Kg/Cm ²			
			160.83	Kg/Cm ²			
		Average	160.08	Kg/Cm ²			
11	Cement concrete cube of mix 1 : 2 : 4 , cast on 13/02/2021. For ch 90.00 to ch 110.00 (1).	7 th day compressive strength	151.77	Kg/Cm ²	140.00 Kg/cm ²	7.33	1)Qty represents -20.00 Cum. 2)28th day test due on 13/03/2021
			158.57	Kg/Cm ²			
			140.45	Kg/Cm ²			
		Average	150.26	Kg/Cm ²			

- Copy to: 1. The Assistant Engineer , SDIII , WD I, 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 , WD I ,WRD, Porvorim - Goa.
4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer