

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :1263 to 1267,1280,1281,1292,/ Lab / **298**/ 2020 - 21 Dated:- 16 / 03 / 2021. Laboratory : Bicholim - Goa
1293,1302,1303 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: - 08/03/2021 to 13/03/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. :5355 to 5359,5374,5375,5392,5393,5404,5405/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).	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	11.11	Qty represents -16.00 Cum.
			244.65	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	233.32			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 09/02/2021. For ch 18.00 to ch 35.00 (1).	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	7.15	Qty represents -15.00 Cum.
			217.47	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	225.02			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 09/02/2021. For ch 35.00 to ch 50.00 (1).	28 th day compressive strength	244.65	Kg/Cm ²	210.00 Kg/cm ²	10.39	Qty represents -15.00 Cum.
			215.20	Kg/Cm ²			
			235.59	Kg/Cm ²			
			Average	231.81			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 10/02/2021. For ch 0.00 to ch 25.00 (2).	28 th day compressive strength	251.44	Kg/Cm ²	210.00 Kg/cm ²	17.94	Qty represents -18.00 Cum.
			265.04	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	247.67			
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 10/02/2021. For ch 25.00 to ch 50.00 (2).	28 th day compressive strength	260.51	Kg/Cm ²	210.00 Kg/cm ²	16.86	Qty represents -18.00 Cum.
			231.06	Kg/Cm ²			
			244.65	Kg/Cm ²			
			Average	245.40			

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).	28 th day compressive strenath	237.85	Kg/Cm ²	210.00 Kg/cm ²	13.98	Qty represents -18.00 Cum.
			253.71	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	239.36	Kg/Cm²			
7	Cement concrete cube of mix 1 : 2 : 4 , cast on 11/02/2021. For ch 50.00 to ch 70.00 (1).	28 th day compressive strength	242.38	Kg/Cm ²	210.00 Kg/cm ²	15.06	Qty represents -18.00 Cum.
			246.91	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	241.63	Kg/Cm²			
8	Cement concrete cube of mix 1 : 2 : 4 , cast on 12/02/2021. For ch 0.00 to ch 30.00 (4).	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	17.58	Qty represents -20.00 Cum.
			271.83	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	246.91	Kg/Cm²			
9	Cement concrete cube of mix 1 : 2 : 4 , cast on 12/02/2021. For ch 0.00 to ch 40.00 (5).	28 th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ²	16.50	Qty represents -8.00 Cum.
			251.44	Kg/Cm ²			
			258.24	Kg/Cm ²			
		Average	244.65	Kg/Cm²			
10	Cement concrete cube of mix 1 : 2 : 4 , cast on 13/02/2021. For ch 70.00 to ch 90.00 (1).	28 th day compressive strength	228.79	Kg/Cm ²	210.00 Kg/cm ²	19.38	Qty represents -20.00 Cum.
			260.51	Kg/Cm ²			
			262.77	Kg/Cm ²			
		Average	250.69	Kg/Cm²			
11	Cement concrete cube of mix 1 : 2 : 4 , cast on 13/02/2021. For ch 90.00 to ch 110.00 (1).	28 th day compressive strength	240.12	Kg/Cm ²	210.00 Kg/cm ²	11.82	Qty represents -20.00 Cum.
			237.85	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	234.83	Kg/Cm²			

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