

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 2771,2772,2774,2776 & 2778 / Lab / **202** / 2021 - 22 Dated:-11/11/ 2021. Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Anti Sea Erosion and beach protection measures is State of Goa under Golden Jubilee Package Reg.moving and restoration of concrete blocks in existing Pathway from Ch.547.00 to Ch.560.00 mt at Keri Beaches in Pernem Taluka.

Ref. to Requisition No.: MI/SDIII/WDI/F-58/2021-22/237 Dated :- 13/ 10/ 2021.

Qty. Received. :05 Sets of cube Date of Receipt:- 03/11/ 2021. Tested on: 04,05,06 & 07/11/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:1.5:3 O.S No. : 92,93/RK, 7061,7065 & 7069/SS. Lab. Sample No.: 2319 To 2323 Tested By: Mrs.R.Kadam AE & Mrs. 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 06/10/2021. For Concrete blocks.	28 th day compressive strength	274.10	Kg/Cm ²	265.00 Kg/cm ²	5.14	Qty represents -10.80 Cum.
			289.95	Kg/Cm ²			
			271.83	Kg/Cm ²			
		Average	278.63	Kg/Cm²			
2	Cement concrete cube of mix 1 :1.5 : 3 , cast on 07/10/2021. For Concrete blocks.	28 th day compressive strength	287.69	Kg/Cm ²	265.00 Kg/cm ²	4.57	Qty represents -10.80 Cum.
			267.30	Kg/Cm ²			
			276.36	Kg/Cm ²			
		Average	277.12	Kg/Cm²			
3	Cement concrete cube of mix 1 :1.5 : 3 , cast on 08/10/2021. For Concrete blocks.	28 th day compressive strength	271.83	Kg/Cm ²	265.00 Kg/cm ²	6.00	Qty represents -12.96 Cum.
			278.63	Kg/Cm ²			
			292.22	Kg/Cm ²			
		Average	280.89	Kg/Cm²			
4	Cement concrete cube of mix 1 :1.5 : 3 , cast on 09/10/2021. For Concrete blocks.	28 th day compressive strength	283.16	Kg/Cm ²	265.00 Kg/cm ²	7.14	Qty represents -12.96 Cum.
			280.89	Kg/Cm ²			
			287.69	Kg/Cm ²			
		Average	283.91	Kg/Cm²			
5	Cement concrete cube of mix 1 :1.5 : 3 , cast on 10/10/2021. For Concrete blocks.	28 th day compressive strength	285.42	Kg/Cm ²	265.00 Kg/cm ²	4.86	Qty represents -10.80 Cum.
			276.36	Kg/Cm ²			
			271.83	Kg/Cm ²			
		Average	277.87	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD III , 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