

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 2770,2773,2775,2777 & 2779 / Lab / **203** / 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 Urgent maintenance of existing Tatrpad structure from Ch.390.00 to Ch.690.00 mts at Keri Beach,V.P.Kerim in Mandrem Constituency.**

Ref. to Requisition No.: MI/SDIII/WDI/F-58/2021-22/238 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. : 91,94/RK, 7062,7066 & 7070/SS. Lab. Sample No.: 2324 To 2328 Tested By: Mrs.R.Kadam AE & Mrs. Shirodkar. J.E.

**REPORT PAGE 01 OF 01**

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix <b>1 :1.5 : 3</b> , cast on 06/10/2021. For Concrete blocks.	28 <sup>th</sup> day compressive strength	271.83	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	2.86	Qty represents -10.80 Cum.
			283.16	Kg/Cm <sup>2</sup>			
			262.77	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>272.59</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix <b>1 :1.5 : 3</b> , cast on 07/10/2021. For Concrete blocks.	28 <sup>th</sup> day compressive strength	283.16	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	5.71	Qty represents -10.80 Cum.
			271.83	Kg/Cm <sup>2</sup>			
			285.42	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>280.14</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Cement concrete cube of mix <b>1 :1.5 : 3</b> , cast on 08/10/2021. For Concrete blocks.	28 <sup>th</sup> day compressive strength	265.04	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	2.58	Qty represents -10.80 Cum.
			278.63	Kg/Cm <sup>2</sup>			
			271.83	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>271.83</b>	<b>Kg/Cm<sup>2</sup></b>			
4	Cement concrete cube of mix <b>1 :1.5 : 3</b> , cast on 09/10/2021. For Concrete blocks.	28 <sup>th</sup> day compressive strength	271.83	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	3.15	Qty represents -10.80 Cum.
			283.16	Kg/Cm <sup>2</sup>			
			265.04	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>273.34</b>	<b>Kg/Cm<sup>2</sup></b>			
5	Cement concrete cube of mix <b>1 :1.5 : 3</b> , cast on 10/10/2021. For Concrete blocks.	28 <sup>th</sup> day compressive strength	289.95	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	9.13	Qty represents -6.48 Cum.
			283.16	Kg/Cm <sup>2</sup>			
			294.48	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>289.20</b>	<b>Kg/Cm<sup>2</sup></b>			

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