

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 3132, 3140,3147,3151,3160,3168,3172,3179,3192,3201,/ Lab /**313**/ 2021 - 22 Dated:- 26/ 02/2022. Laboratory : Bicholim - Goa.
3209,3216,3223,3237,3240 & 3248 Sub Division V (QC)/WRD/Goa.

Name of work : Anti Sea Erosion work near Sy.No:225/1 & 225/3 at Asvewada in V.P.Mandrem in Mandrem Constituency in Pernem Taluka.

Ref. to Requisition No.: MI/SDIII/WDI/F-58/2021-22/365 Dt.:- 28/ 01/ 2022

Qty. Recived. : 16 Sets of cube Date of Receipt:- 29-01-2022.Tested on: - 08,09,10,11,12,13,14,15,16,17,18,19,20,22,24 & 25/02/2022 as per due dates.Ref to CPWD :2009, Vol. I

Sample:Cube Mix PCC 1:2:4 O.SNo.:7602,7610,7618,7625,7635,7643,7647,7658,7674,7686,7696,7708,7716,7733,7737 & 7745/SS Lab. Sample No.: 2827 To 2842 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

REPORT PAGE 01 OF 03

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Valu e permissible	% above or below	REMARK
1	Cement concrete cube of mix 1 : 2 : 4 , cast on 11/01/2022. For Protection wall.	28 th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ²	10.75	Qty represents - 18.00 Cum.
			231.06	Kg/Cm ²			
			242.38	Kg/Cm ²			
		Average	232.57	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 12/01/2022. For Protection wall.	28 th day compressive strength	244.65	Kg/Cm ²	210.00 Kg/cm ²	7.15	Qty represents - 20.00 Cum.
			219.73	Kg/Cm ²			
			210.67	Kg/Cm ²			
		Average	225.02	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 13/01/2022. For Protection wall.	28 th day compressive strength	246.91	Kg/Cm ²	210.00 Kg/cm ²	15.78	Qty represents - 18.00 Cum.
			237.85	Kg/Cm ²			
			244.65	Kg/Cm ²			
		Average	243.14	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 14/01/2022. For Protection wall.	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/cm ²	4.27	Qty represents - 16.00 Cum.
			208.40	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	218.98	Kg/Cm²			
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 15/01/2022. For Protection wall.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	3.91	Qty represents - 26.00 Cum.
			219.73	Kg/Cm ²			
			208.40	Kg/Cm ²			
		Average	218.22	Kg/Cm²			
6	Cement concrete cube of mix 1 : 2 : 4 , cast on 16/01/2022. For Protection wall.	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ²	1.76	Qty represents - 20.00 Cum.
			208.40	Kg/Cm ²			
			219.73	Kg/Cm ²			
		Average	213.69	Kg/Cm²			

Junior Engineer

Assistant Engineer

REPORT PAGE 02 OF 03

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min. Value permissible	% above or below	REMARK
7	Cement concrete cube of mix 1 : 2 : 4 , cast on 17/01/2022. For Protection wall.	28 th day compressive strength	203.87	Kg/Cm ²	210.00 Kg/cm ²	2.48	Qty represents - 28.00 Cum.
			215.20	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	215.20			
8	Cement concrete cube of mix 1 : 2 : 4 , cast on 18/01/2022. For Protection wall.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	3.20	Qty represents - 30.00 Cum.
			203.87	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	216.71			
9	Cement concrete cube of mix 1 : 2 : 4 , cast on 19/01/2022. For Protection wall.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	4.27	Qty represents - 16.00 Cum.
			219.73	Kg/Cm ²			
			228.79	Kg/Cm ²			
			Average	218.98			
10	Cement concrete cube of mix 1 : 2 : 4 , cast on 20/01/2022. For Protection wall.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	6.43	Qty represents - 14.00 Cum.
			222.00	Kg/Cm ²			
			233.32	Kg/Cm ²			
			Average	223.51			
11	Cement concrete cube of mix 1 : 2 : 4 , cast on 21/01/2022. For Protection wall.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	2.48	Qty represents - 18.00 Cum.
			222.00	Kg/Cm ²			
			215.20	Kg/Cm ²			
			Average	215.20			
12	Cement concrete cube of mix 1 : 2 : 4 , cast on 22/01/2022. For Protection wall.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	6.07	Qty represents - 16.00 Cum.
			215.20	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	222.75			
13	Cement concrete cube of mix 1 : 2 : 4 , cast on 23/01/2022. For Protection wall.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	3.55	Qty represents - 18.00 Cum.
			217.47	Kg/Cm ²			
			208.40	Kg/Cm ²			
			Average	217.47			
14	Cement concrete cube of mix 1 : 2 : 4 , cast on 25/01/2022. For Protection wall.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	6.07	Qty represents - 18.00 Cum.
			212.93	Kg/Cm ²			
			217.47	Kg/Cm ²			
			Average	222.75			

Junior Engineer

Assistant Engineer

REPORT PAGE 03 OF 03

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Valu e permissable	% above or below	REMARK
15	Cement concrete cube of mix 1 : 2: 4 , cast on 27/01/2022. For Protection wall.	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ²	2.48	Qty represents - 16.00 Cum.
			219.73	Kg/Cm ²			
			212.93	Kg/Cm ²			
		Average	215.20	Kg/Cm²			
16	Cement concrete cube of mix 1 : 2: 4 , cast on 28/01/2022. For Protection wall.	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	3.20	Qty represents - 18.00 Cum.
			217.47	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	216.71	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD III , WDI , 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 , WDI ,WRD, Porvorim - Goa.

4. QC Lab File. 5. Bill File.

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