

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :1459,1460,1490,1491,1505,1506,1524,1525,1538,1539/ Lab /15/ 2021 - 22 Dated:- 17/04/ 2021. Laboratory : Bicholim - Goa.
,1544,1545,1550,1551,1567,1568,1584,1585 Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Development of Poi in Survey No. 169 near Fishing Jetty and Beautification of bund of River Chapora in V.P.Siolim in Siolim Constituency.

Ref. to Requisition No.: SDI/WDI/WRD/F.57/20-21/754 Dated :- 19/ 03/ 2021.

Qty. Recived. : 18 Sets of cube Date of Receipt:- 19/ 03 / 2021. Tested on: -23,25,26,27,29,30, 31/03/2021 & 01,02/04/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1: 2: 4 O.S No. :5590,5591,5622,5623,5640,5641,5662,5663,5678,5679,5684,5685,5689,5690,5707,5708,5726 Lab. Sample No.: 929 To 946

Tested By:Mrs. Shirodkar. J.E.

REPORT PAGE 01 OF 03

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 23/02/2021. For Foundation & Plinth.	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/cm ²	6.79	Qty represents -30.00 Cum for two sets of cubes.
			212.93	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	224.26 Kg/Cm²			
2	Cement concrete cube of mix 1 :2 : 4 , cast on 23/02/2021. For Foundation & Plinth.	28 th day compressive strength	228.79	Kg/Cm ²	210.00 Kg/cm ²	6.79	----- do -----
			217.47	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	224.26 Kg/Cm²			
3	Cement concrete cube of mix 1 :2 : 4 , cast on 25/02/2021. For Foundation & Plinth.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	4.99	Qty represents -32.00 Cum for two sets of cubes.
			212.93	Kg/Cm ²			
			240.12	Kg/Cm ²			
			Average	220.49 Kg/Cm²			
4	Cement concrete cube of mix 1 :2 : 4 , cast on 25/02/2021. For Foundation & Plinth.	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ²	6.07	----- do -----
			228.79	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	222.75 Kg/Cm²			
5	Cement concrete cube of mix 1 :2 : 4 , cast on 26/02/2021. For Foundation & Plinth.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents -33.00 Cum for two sets of cubes.
			212.93	Kg/Cm ²			
			219.73	Kg/Cm ²			
			Average	219.73 Kg/Cm²			
6	Cement concrete cube of mix 1 :2 : 4 , cast on 26/02/2021. For Foundation & Plinth.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	7.87	----- do -----
			226.53	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	226.53 Kg/Cm²			

Junior Engineer

Assistant Engineer

REPORT PAGE 02 OF 03

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
7	Cement concrete cube of mix 1 : 2 : 4 , cast on 27/02/2021. For Foundation & Plinth.	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	5.71	Qty represents - 30.00 Cum for two sets of cubes.
			208.40	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	222.00			
8	Cement concrete cube of mix 1 : 2 : 4 , cast on 27/02/2021. For Foundation & Plinth.	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	5.35	----- do -----
			206.14	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	221.24			
9	Cement concrete cube of mix 1 : 2 : 4 , cast on 01/03/2021. For Foundation & Plinth.	28 th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ²	5.71	Qty represents - 33.00 Cum for two sets of cubes.
			203.87	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	222.00			
10	Cement concrete cube of mix 1 : 2 : 4 , cast on 01/03/2021. For Foundation & Plinth.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	5.71	----- do -----
			226.53	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	222.00			
11	Cement concrete cube of mix 1 : 2 : 4 , cast on 02/03/2021. For Foundation & Plinth.	28 th day compressive strength	203.87	Kg/Cm ²	210.00 Kg/cm ²	7.87	Qty represents - 31.00 Cum for two sets of cubes.
			249.18	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	226.53			
12	Cement concrete cube of mix 1 : 2 : 4 , cast on 02/03/2021. For Foundation & Plinth.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	5.71	----- do -----
			231.06	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	222.00			
13	Cement concrete cube of mix 1 : 2 : 4 , cast on 03/03/2021. For Foundation & Plinth.	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	11.82	Qty represents - 32.00 Cum for two sets of cubes.
			251.44	Kg/Cm ²			
			233.32	Kg/Cm ²			
			Average	234.83			
14	Cement concrete cube of mix 1 : 2 : 4 , cast on 03/03/2021. For Foundation & Plinth.	28 th day compressive strength	210.67	Kg/Cm ²	210.00 Kg/cm ²	4.63	----- do -----
			235.59	Kg/Cm ²			
			212.93	Kg/Cm ²			
			Average	219.73			

REPORT PAGE 03 OF 03

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
15	Cement concrete cube of mix 1 : 2 : 4 , cast on 04/03/2021. For Foundation & Plinth.	28 th day compressive strength	249.18	Kg/Cm ²	210.00 Kg/cm ²	10.39	Qty represents - 33.00 Cum for two sets of cubes.
			226.53	Kg/Cm ²			
			219.73	Kg/Cm ²			
		Average	231.81	Kg/Cm²			
16	Cement concrete cube of mix 1 : 2 : 4 , cast on 04/03/2021. For Foundation & Plinth.	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	13.98	----- do -----
			237.85	Kg/Cm ²			
			260.51	Kg/Cm ²			
		Average	239.36	Kg/Cm²			
17	Cement concrete cube of mix 1 : 2 : 4 , cast on 05/03/2021. For Foundation & Plinth.	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	10.39	Qty represents - 28.00 Cum for two sets of cubes.
			242.38	Kg/Cm ²			
			222.00	Kg/Cm ²			
		Average	231.81	Kg/Cm²			
18	Cement concrete cube of mix 1 : 2 : 4 , cast on 05/03/2021. For Foundation & Plinth.	28 th day compressive strength	240.12	Kg/Cm ²	210.00 Kg/cm ²	7.87	----- do -----
			226.53	Kg/Cm ²			
			212.93	Kg/Cm ²			
		Average	226.53	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD I , WD I , WRD-Porvorim - 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