

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :1126,1131,1136,1152,1169,1183,1205/ Lab /**302**/ 2020 - 21 Dated:- 17/03/ 2021. Laboratory : Bicholim - Goa.
,1225,1236,1252,1272,1283 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.57/20-21/698 Dated :- 15/ 01 / 2021.

Qty. Recived. :12 Sets of cube Date of Receipt:- 24/ 02 / 2021. Tested on: -27/02/2021 & 01 to 06,08 to 12/03/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1 : 2 : 4 O.S No. : 5195,5204,5213,5232,5253,5270,5295,5315,5326,5344,5366,5383/SS Lab. Sample No.: 524 To 535

Tested

By: Mrs. Shirodkar. J.E.

REPORT PAGE 01 OF 02

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Cement concrete cube of mix 1 : 2 : 4 , cast on 30/01/2021. For Foundation & Plinth.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	3.91	Qty represents - 30.00 Cum.
			203.87	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	218.22	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 01/02/2021. For Foundation & Plinth.	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/cm ²	4.27	Qty represents -32.00 Cum.
			219.73	Kg/Cm ²			
			203.87	Kg/Cm ²			
		Average	218.98	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 02/02/2021. For Foundation & Plinth.	28 th day compressive strength	203.87	Kg/Cm ²	210.00 Kg/cm ²	3.20	Qty represents - 33.00 Cum.
			215.20	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	216.71	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 03/02/2021. For Foundation & Plinth.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	3.55	Qty represents - 30.00 Cum.
			217.47	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	217.47	Kg/Cm²			
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 04/02/2021. For Foundation & Plinth.	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 33.00 Cum.
			237.85	Kg/Cm ²			
			208.40	Kg/Cm ²			
		Average	219.73	Kg/Cm²			

Junior Engineer

Assistant Engineer

REPORT PAGE 02 OF 02

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
6	Cement concrete cube of mix 1 : 2 : 4 , cast on 05/02/2021. For Foundation & Plinth.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	4.99	Qty represents - 31.00 Cum.
			206.14	Kg/Cm ²			
			240.12	Kg/Cm ²			
		Average	220.49	Kg/Cm²			
7	Cement concrete cube of mix 1 : 2 : 4 , cast on 06/02/2021. For Foundation & Plinth.	28 th day compressive strength	222.00	Kg/Cm ²	210.00 Kg/cm ²	4.99	Qty represents - 32.00 Cum.
			226.53	Kg/Cm ²			
			212.93	Kg/Cm ²			
		Average	220.49	Kg/Cm²			
8	Cement concrete cube of mix 1 : 2 : 4 , cast on 08/02/2021. For Foundation & Plinth.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	6.43	Qty represents - 33.00 Cum.
			208.40	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	223.51	Kg/Cm²			
9	Cement concrete cube of mix 1 : 2 : 4 , cast on 09/02/2021. For Foundation & Plinth.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	9.31	Qty represents -28.00 Cum.
			215.20	Kg/Cm ²			
			246.91	Kg/Cm ²			
		Average	229.55	Kg/Cm²			
10	Cement concrete cube of mix 1 : 2 : 4 , cast on 10/02/2021. For Foundation & Plinth.	28 th day compressive strength	210.67	Kg/Cm ²	210.00 Kg/cm ²	7.15	Qty represents - 32.00 Cum.
			237.85	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	225.02	Kg/Cm²			
11	Cement concrete cube of mix 1 : 2 : 4 , cast on 11/02/2021. For 1 st & 2 nd lift.	28 th day compressive strength	253.71	Kg/Cm ²	210.00 Kg/cm ²	11.47	Qty represents - 33.00 Cum.
			231.06	Kg/Cm ²			
			217.47	Kg/Cm ²			
		Average	234.08	Kg/Cm²			
12	Cement concrete cube of mix 1 : 2 : 4 , cast on 12/02/2021. For 1 st & 2 nd lift.	28 th day compressive strength	246.91	Kg/Cm ²	210.00 Kg/cm ²	16.50	Qty represents - 29.00 Cum.
			260.51	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	244.65	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