

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 9489,9490,9507,9508,9522,9523,9532,9533/ Lab / **42**/ 2020 - 21 Dated:- 05/06 / 2020 Laboratory : Bicholim - Goa.
9557,9558,9583,9584,99610,9611,9637,9638,9667,9668,9693 & 9694 Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of Work: - Improvement to Porio bund in Ward No. 3 at Pomburpa in Aldona Constituency.

Ref. to Requisition No.: - SDII/WDI/WRD/ F.24 /2020-21/09 Dated :- 30/04/2020.

Qty. Recived. : 20 Sets of cube Date of Receipt: 02/05/2020. Tested on: 18/05/2020 To 28 /05/2020. as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube 1:2:4 Mix O.S No. :3600,3612,3627,3637,3650,3667,3680,3690,3701,3710/SS

Lab. Sample No.: 8585 to 8604 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Plain Cement concrete cube of mix 1:2:4 , cast on 20/04/2020, for Foundation.	28 th day compressive strength	235.59	Kg/Cm2	210 kg/cm2	8.95	1. Quantity represents 45.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			217.47	Kg/Cm2			
			233.32	Kg/Cm2			
		Average	228.79	Kg/Cm2			
2	Plain Cement concrete cube of mix 1:2:4 , cast on 20/04/2020, for Foundation.	28 th day compressive strength	242.38	Kg/Cm2	210 kg/cm2	11.11	... Do ...
			231.06	Kg/Cm2			
			226.53	Kg/Cm2			
		Average	233.32	Kg/Cm2			
3	Plain Cement concrete cube of mix 1:2:4 , cast on 21/04/2020, for Foundation.	28 th day compressive strength	224.26	Kg/Cm2	210 kg/cm2	8.59	1. Quantity represents 46.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			237.85	Kg/Cm2			
			222.00	Kg/Cm2			
		Average	228.04	Kg/Cm2			
4	Plain Cement concrete cube of mix 1:2:4 , cast on 21/04/2020, for Foundation.	28 th day compressive strength	212.93	Kg/Cm2	210 kg/cm2	6.43	... Do ...
			242.38	Kg/Cm2			
			215.20	Kg/Cm2			
		Average	223.51	Kg/Cm2			
5	Plain Cement concrete cube of mix 1:2:4 , cast on 22/04/2020, for Foundation.	28 th day compressive strength	260.51	Kg/Cm2	210 kg/cm2	13.98	1. Quantity represents 47.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			226.53	Kg/Cm2			
			231.06	Kg/Cm2			
		Average	239.36	Kg/Cm2			
6	Plain Cement concrete cube of mix 1:2:4 , cast on 22/04/2020, for Foundation.	28 th day compressive strength	237.85	Kg/Cm2	210 kg/cm2	7.51	... Do ...
			222.00	Kg/Cm2			
			217.47	Kg/Cm2			
		Average	225.77	Kg/Cm2			

Junior Engineer

Assistant Engineer

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
7	Plain Cement concrete cube of mix 1:2:4 , cast on 23/04/2020, for Foundation.	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	7.87	1. Quantity represents 48.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			217.47	Kg/Cm2			
			235.59	Kg/Cm2			
		Average	226.53	Kg/Cm2			
8	Plain Cement concrete cube of mix 1:2:4 , cast on 23/04/2020, for Foundation.	28 th day compressive strength	219.73	Kg/Cm2	210 kg/cm2	6.79	... Do ...
			222.00	Kg/Cm2			
			231.06	Kg/Cm2			
		Average	224.26	Kg/Cm2			
9	Plain Cement concrete cube of mix 1:2:4 , cast on 24/04/2020, for Foundation.	28 th day compressive strength	217.47	Kg/Cm2	210 kg/cm2	6.07	1. Quantity represents 45.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			215.20	Kg/Cm2			
			235.59	Kg/Cm2			
		Average	222.75	Kg/Cm2			
10	Plain Cement concrete cube of mix 1:2:4 , cast on 24/04/2020, for Foundation.	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	8.23	... Do ...
			237.85	Kg/Cm2			
			217.47	Kg/Cm2			
		Average	227.28	Kg/Cm2			
11	Plain Cement concrete cube of mix 1:2:4 , cast on 25/04/2020, for Foundation.	28 th day compressive strength	251.44	Kg/Cm2	210 kg/cm2	13.26	1. Quantity represents 47.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			235.59	Kg/Cm2			
			226.53	Kg/Cm2			
		Average	237.85	Kg/Cm2			
12	Plain Cement concrete cube of mix 1:2:4 , cast on 25/04/2020, for Foundation.	28 th day compressive strength	224.26	Kg/Cm2	210 kg/cm2	10.03	... Do ...
			231.06	Kg/Cm2			
			237.85	Kg/Cm2			
		Average	231.06	Kg/Cm2			
13	Plain Cement concrete cube of mix 1:2:4 , cast on 27/04/2020, for Foundation.	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	6.79	1. Quantity represents 46.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			215.20	Kg/Cm2			
			231.06	Kg/Cm2			
		Average	224.26	Kg/Cm2			
14	Plain Cement concrete cube of mix 1:2:4 , cast on 27/04/2020, for Foundation.	28 th day compressive strength	219.73	Kg/Cm2	210 kg/cm2	9.67	... Do ...
			226.53	Kg/Cm2			
			244.65	Kg/Cm2			
		Average	230.30	Kg/Cm2			

Junior Engineer

Assistant Engineer

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
15	Plain Cement concrete cube of mix 1:2:4 , cast on 28/04/2020, for Foundation.	28 th day compressive strength	237.85	Kg/Cm2	210 kg/cm2	9.67	1. Quantity represents 47.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			222.00	Kg/Cm2			
			231.06	Kg/Cm2			
		Average	230.30	Kg/Cm2			
16	Plain Cement concrete cube of mix 1:2:4 , cast on 28/04/2020, for Foundation.	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	11.47	... Do ...
			233.32	Kg/Cm2			
			242.38	Kg/Cm2			
		Average	234.08	Kg/Cm2			
17	Plain Cement concrete cube of mix 1:2:4 , cast on 29/04/2020, for Foundation.	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	9.31	1. Quantity represents 45.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			244.65	Kg/Cm2			
			217.47	Kg/Cm2			
		Average	229.55	Kg/Cm2			
18	Plain Cement concrete cube of mix 1:2:4 , cast on 29/04/2020, for Foundation.	28 th day compressive strength	235.59	Kg/Cm2	210 kg/cm2	7.87	... Do ...
			212.93	Kg/Cm2			
			231.06	Kg/Cm2			
		Average	226.53	Kg/Cm2			
19	Plain Cement concrete cube of mix 1:2:4 , cast on 30/04/2020, for Foundation.	28 th day compressive strength	237.85	Kg/Cm2	210 kg/cm2	10.39	1. Quantity represents 45.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			226.53	Kg/Cm2			
			231.06	Kg/Cm2			
		Average	231.81	Kg/Cm2			
20	Plain Cement concrete cube of mix 1:2:4 , cast on 30/04/2020, for Foundation.	28 th day compressive strength	235.59	Kg/Cm2	210 kg/cm2	11.11	... Do ...
			249.18	Kg/Cm2			
			215.20	Kg/Cm2			
		Average	233.32	Kg/Cm2			

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