

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 9765,9766,9775,9776,9801,9802,9817,9818,9841,9842,9862,9863,/ Lab / **65**/ 2020 - 21 Dated:- 22/ 06 / 2020
9892,9893,9911,9912,9926,9927,9944 & 9945

Laboratory :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 /2020-21/47 Dated :- 26/05/2020.

Qty. Recived. : 20 Sets of cube Date of Receipt: 30/05/2020. Tested on: 01/06/2020 To 11 /06/2020. as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube 1:2:4 Mix O.S No. :3751,3756,3770,3780,3798,3814,3834,3847,3857 & 3867/SS

Lab. Sample No.: 8986 to 9005 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	Cement concrete cube of mix 1:2:4 , cast on 04/05/2020, PCC for Foundation.	28 th day compressive strength	260.51	Kg/Cm2	210 kg/cm2	12.54	1. Quantity represents 45.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			235.59	Kg/Cm2			
			212.93	Kg/Cm2			
		Average	236.34	Kg/Cm2			
2	Cement concrete cube of mix 1:2:4 , cast on 04/05/2020, PCC for Foundation.	28 th day compressive strength	271.83	Kg/Cm2	210 kg/cm2	18.66	... Do ...
			249.18	Kg/Cm2			
			226.53	Kg/Cm2			
		Average	249.18	Kg/Cm2			
3	Cement concrete cube of mix 1:2:4 , cast on 05/05/2020, PCC for Foundation.	28 th day compressive strength	212.93	Kg/Cm2	210 kg/cm2	10.03	1. Quantity represents 46.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			253.71	Kg/Cm2			
			226.53	Kg/Cm2			
		Average	231.06	Kg/Cm2			
4	Cement concrete cube of mix 1:2:4 , cast on 05/05/2020, PCC for Foundation.	28 th day compressive strength	212.93	Kg/Cm2	210 kg/cm2	1.04	... Do ...
			219.73	Kg/Cm2			
			203.87	Kg/Cm2			
		Average	212.18	Kg/Cm2			
5	Cement concrete cube of mix 1:2:4 , cast on 06/05/2020, PCC for Foundation.	28 th day compressive strength	224.26	Kg/Cm2	210 kg/cm2	5.35	1. Quantity represents 47.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			203.87	Kg/Cm2			
			235.59	Kg/Cm2			
		Average	221.24	Kg/Cm2			
6	Cement concrete cube of mix 1:2:4 , cast on 06/05/2020, PCC for Foundation.	28 th day compressive strength	231.06	Kg/Cm2	210 kg/cm2	19.38	... Do ...
			249.18	Kg/Cm2			
			271.83	Kg/Cm2			
		Average	250.69	Kg/Cm2			

Junior Engineer

Assistant Engineer

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 07/05/2020, PCC for Foundation.	28 th day compressive strength	231.06	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.
			244.65	Kg/Cm2			
			203.87	Kg/Cm2			
		Average	226.53	Kg/Cm2			
8	Cement concrete cube of mix 1:2:4 , cast on 07/05/2020, PCC for Foundation.	28 th day compressive strength	222.00	Kg/Cm2	210 kg/cm2	5.71	... Do ...
			237.85	Kg/Cm2			
			206.14	Kg/Cm2			
		Average	222.00	Kg/Cm2			
9	Cement concrete cube of mix 1:2:4 , cast on 08/05/2020, PCC for Foundation.	28 th day compressive strength	212.93	Kg/Cm2	210 kg/cm2	8.59	1. Quantity represents 45.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			222.00	Kg/Cm2			
			249.18	Kg/Cm2			
		Average	228.04	Kg/Cm2			
10	Cement concrete cube of mix 1:2:4 , cast on 08/05/2020, PCC for Foundation.	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	8.95	... Do ...
			240.12	Kg/Cm2			
			219.73	Kg/Cm2			
		Average	228.79	Kg/Cm2			
11	Cement concrete cube of mix 1:2:4 , cast on 09/05/2020, PCC for Foundation.	28 th day compressive strength	271.83	Kg/Cm2	210 kg/cm2	17.94	1. Quantity represents 47.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			244.65	Kg/Cm2			
			226.53	Kg/Cm2			
		Average	247.67	Kg/Cm2			
12	Cement concrete cube of mix 1:2:4 , cast on 09/05/2020, PCC for Foundation.	28 th day compressive strength	253.71	Kg/Cm2	210 kg/cm2	23.33	... Do ...
			260.51	Kg/Cm2			
			262.77	Kg/Cm2			
		Average	258.99	Kg/Cm2			
13	Cement concrete cube of mix 1:2:4 , cast on 11/05/2020, PCC for Foundation.	28 th day compressive strength	258.24	Kg/Cm2	210 kg/cm2	10.75	1. Quantity represents 46.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			226.53	Kg/Cm2			
			212.93	Kg/Cm2			
		Average	232.57	Kg/Cm2			
14	Cement concrete cube of mix 1:2:4 , cast on 11/05/2020, PCC for Foundation.	28 th day compressive strength	246.91	Kg/Cm2	210 kg/cm2	14.70	... Do ...
			253.71	Kg/Cm2			
			222.00	Kg/Cm2			
		Average	240.87	Kg/Cm2			

Junior Engineer

Assistant Engineer

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 12/05/2020, PCC for Foundation.	28 th day compressive strength	215.20	Kg/Cm2	210 kg/cm2	13.62	1. Quantity represents 47.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			255.97	Kg/Cm2			
			244.65	Kg/Cm2			
		Average	238.61	Kg/Cm2			
16	Cement concrete cube of mix 1:2:4 , cast on 12/05/2020, PCC for Foundation.	28 th day compressive strength	237.85	Kg/Cm2	210 kg/cm2	10.75	... Do ...
			217.47	Kg/Cm2			
			242.38	Kg/Cm2			
		Average	232.57	Kg/Cm2			
17	Cement concrete cube of mix 1:2:4 , cast on 13/05/2020, PCC for Foundation.	28 th day compressive strength	212.93	Kg/Cm2	210 kg/cm2	5.35	1. Quantity represents 45.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			219.73	Kg/Cm2			
			231.06	Kg/Cm2			
		Average	221.24	Kg/Cm2			
18	Cement concrete cube of mix 1:2:4 , cast on 13/05/2020, PCC for Foundation.	28 th day compressive strength	203.87	Kg/Cm2	210 kg/cm2	3.20	... Do ...
			228.79	Kg/Cm2			
			217.47	Kg/Cm2			
		Average	216.71	Kg/Cm2			
19	Cement concrete cube of mix 1:2:4 , cast on 14/05/2020, PCC for Foundation.	28 th day compressive strength	203.87	Kg/Cm2	210 kg/cm2	6.43	1. Quantity represents 45.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			217.47	Kg/Cm2			
			249.18	Kg/Cm2			
		Average	223.51	Kg/Cm2			
20	Cement concrete cube of mix 1:2:4 , cast on 14/05/2020, PCC for Foundation.	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	10.03	... Do ...
			240.12	Kg/Cm2			
			226.53	Kg/Cm2			
		Average	231.06	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