

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :6881,6882,6908 To 6910,6933 To 6935,6950,6951,6980,/ Lab / **182** / 2019 - 20 Dated:- 13 / 06 / 2019 Laboratory : Bicholim - Goa.
6981,7015,7016,7030,7031,7067 To 7069,7100,7101,7135 To 7137,7156,7157 Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of Work: - Flood Control measures at Camrabhat, V.P. Taleigao, Tiswadi Taluka.

Ref. to Requisition No.: MI/SDI/WDI/WRD/ F.57 /2019-20/ 69 Dated :- 21 / 05 / 2019.

Qty. Recived. : 26 Sets of cube Date of Receipt :- 22 / 05 / 2019. Tested on: 30/05/2019 To 11/06/2019. as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube 1:2:4 Mix O.S No. : 525,526,552 To 554,577 To 579/SP,2008,2009,2040,2041,2077,2078,2094,2095,2132 To 2134,2167,2168,2185 To 2187,2205,2206/SS. Lab.

Sample No.: 4840 To 4865. Tested By: - Mr. S.M.Patri. A.E. & Mrs. S.B. Naik Shirodkar. J.E.

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SR.N O.	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 02 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	219.73	Kg/Cm2	210 kg/cm2	3.91	1. Quantity represents 40.00 Cum for two sets of cubes. 2. Excat location of work done is not specified.
			228.79	Kg/Cm2			
			206.14	Kg/Cm2			
			Average	218.22 Kg/Cm2			
2	Cement concrete cube of mix 1:2:4 , cast on 02 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	201.61	Kg/Cm2	210 kg/cm2	2.12	... Do ...
			208.40	Kg/Cm2			
			233.32	Kg/Cm2			
			Average	214.44 Kg/Cm2			
3	Cement concrete cube of mix 1:2:4 , cast on 03 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	222.00	Kg/Cm2	210 kg/cm2	3.20	1. Quantity represents 45.00 Cum for three sets of cubes. 2. Excat location of work done is not specified.
			231.06	Kg/Cm2			
			197.08	Kg/Cm2			
			Average	216.71 Kg/Cm2			
4	Cement concrete cube of mix 1:2:4 , cast on 03 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	194.81	Kg/Cm2	210 kg/cm2	2.12	... Do ...
			219.73	Kg/Cm2			
			228.79	Kg/Cm2			
			Average	214.44 Kg/Cm2			
5	Cement concrete cube of mix 1:2:4 , cast on 03 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	224.26	Kg/Cm2	210 kg/cm2	2.48	... Do ...
			201.61	Kg/Cm2			
			219.73	Kg/Cm2			
			Average	215.20 Kg/Cm2			
6	Cement concrete cube of mix 1:2:4 , cast on 04 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	208.40	Kg/Cm2	210 kg/cm2	3.20	1. Quantity represents 42.00 Cum for three sets of cubes. 2. Excat location of work done is not specified.
			226.53	Kg/Cm2			
			215.20	Kg/Cm2			
			Average	216.71 Kg/Cm2			
7	Cement concrete cube of mix 1:2:4 , cast on 04 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	4.63	... Do ...
			197.08	Kg/Cm2			
			235.59	Kg/Cm2			
			Average	219.73 Kg/Cm2			

Junior Engineer

Assistant Engineer

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
8	Cement concrete cube of mix 1:2:4 , cast on 04 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	206.14	Kg/Cm2	210 kg/cm2	0.68	1. Quantity represents 42.00 Cum for two sets of cubes. 2. Excat location of work done is not specified.
			215.20	Kg/Cm2			
			212.93	Kg/Cm2			
			Average	211.42			
9	Cement concrete cube of mix 1:2:4 , cast on 06 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	5.35	1. Quantity represents 40.00 Cum for two sets of cubes. 2. Excat location of work done is not specified.
			217.47	Kg/Cm2			
			219.73	Kg/Cm2			
			Average	221.24			
10	Cement concrete cube of mix 1:2:4 , cast on 06 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	203.87	Kg/Cm2	210 kg/cm2	3.91	... Do ...
			224.26	Kg/Cm2			
			226.53	Kg/Cm2			
			Average	218.22			
11	Cement concrete cube of mix 1:2:4 , cast on 07 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	215.20	Kg/Cm2	210 kg/cm2	4.27	1. Quantity represents 38.00 Cum for two sets of cubes. 2. Excat location of work done is not specified.
			210.67	Kg/Cm2			
			231.06	Kg/Cm2			
			Average	218.98			
12	Cement concrete cube of mix 1:2:4 , cast on 07 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	215.20	Kg/Cm2	210 kg/cm2	2.48	... Do ...
			201.61	Kg/Cm2			
			228.79	Kg/Cm2			
			Average	215.20			
13	Cement concrete cube of mix 1:2:4 , cast on 08 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	217.47	Kg/Cm2	210 kg/cm2	3.55	1. Quantity represents 40.00 Cum for two sets of cubes. 2. Excat location of work done is not specified.
			215.20	Kg/Cm2			
			219.73	Kg/Cm2			
			Average	217.47			
14	Cement concrete cube of mix 1:2:4 , cast on 08 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	203.87	Kg/Cm2	210 kg/cm2	3.20	... Do ...
			208.40	Kg/Cm2			
			237.85	Kg/Cm2			
			Average	216.71			
15	Cement concrete cube of mix 1:2:4 , cast on 09 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	206.14	Kg/Cm2	210 kg/cm2	1.76	1. Quantity represents 28.00 Cum for two sets of cubes. 2. Excat location of work done is not specified.
			219.73	Kg/Cm2			
			215.20	Kg/Cm2			
			Average	213.69			
16	Cement concrete cube of mix 1:2:4 , cast on 09 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	199.34	Kg/Cm2	210 kg/cm2	2.12	... Do ...
			212.93	Kg/Cm2			
			231.06	Kg/Cm2			
			Average	214.44			
17	Cement concrete cube of mix 1:2:4 , cast on 10 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	235.59	Kg/Cm2	210 kg/cm2	3.91	1. Quantity represents 42.00 Cum for three sets of cubes. 2. Excat location of work done is not specified.
			212.93	Kg/Cm2			
			206.14	Kg/Cm2			
			Average	218.22			

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
18	Cement concrete cube of mix 1:2:4 , cast on 10 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	4.63	1. Quantity represents 42.00 Cum for three sets of cubes. 2. Excat location of work done is not specified.
			222.00	Kg/Cm2			
			210.67	Kg/Cm2			
			Average	219.73			
19	Cement concrete cube of mix 1:2:4 , cast on 10 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	3.20	... Do ...
			212.93	Kg/Cm2			
			210.67	Kg/Cm2			
			Average	216.71			
20	Cement concrete cube of mix 1:2:4 , cast on 11 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	215.20	Kg/Cm2	210 kg/cm2	2.12	1. Quantity represents 38.00 Cum for two sets of cubes. 2. Excat location of work done is not specified.
			203.87	Kg/Cm2			
			224.26	Kg/Cm2			
			Average	214.44			
21	Cement concrete cube of mix 1:2:4 , cast on 11 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	219.73	Kg/Cm2	210 kg/cm2	2.84	... Do ...
			226.53	Kg/Cm2			
			201.61	Kg/Cm2			
			Average	215.95			
22	Cement concrete cube of mix 1:2:4 , cast on 13 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	215.20	Kg/Cm2	210 kg/cm2	5.35	1. Quantity represents 45.00 Cum for three sets of cubes. 2. Excat location of work done is not specified.
			237.85	Kg/Cm2			
			210.67	Kg/Cm2			
			Average	221.24			
23	Cement concrete cube of mix 1:2:4 , cast on 13 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	219.73	Kg/Cm2	210 kg/cm2	7.87	... Do ...
			233.32	Kg/Cm2			
			226.53	Kg/Cm2			
			Average	226.53			
24	Cement concrete cube of mix 1:2:4 , cast on 13 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	206.14	Kg/Cm2	210 kg/cm2	5.71	... Do ...
			224.26	Kg/Cm2			
			235.59	Kg/Cm2			
			Average	222.00			
25	Cement concrete cube of mix 1:2:4 , cast on 14 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	219.73	Kg/Cm2	210 kg/cm2	7.15	1. Quantity represents 38.00 Cum for two sets of cubes. 2. Excat location of work done is not specified.
			226.53	Kg/Cm2			
			228.79	Kg/Cm2			
			Average	225.02			
26	Cement concrete cube of mix 1:2:4 , cast on 14 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	208.40	Kg/Cm2	210 kg/cm2	3.20	... Do ...
			215.20	Kg/Cm2			
			226.53	Kg/Cm2			
			Average	216.71			

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