

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7578,7579,7589,7590,7639,7640,7658,7659, / Lab / **245** / 2019 - 20 Dated:- 12/ 07 / 2019 Laboratory : Bicholim - Goa.
7669,7670,7698,7699,7716,7717,7725,7726,7735,7736 Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of Work: - Improvement to nallah near Don Bosco School at Verla in V.P. Verla Canca in Siolim Constituency.

Ref. to Requisition no.: SDI/WDI/WRD/ F.57 /2019-20/103 dated :-13/06/2019.

Qty. Recived. : 18 Sets of cube Date of Receipt: 22/06/2019. Tested on: 01/07/2019 To 11/07/2019. as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube 1:2:4 Mix O.S No. :2460,2461,2467,2468/SS,1019,1020/AF,2491,2492,2505,2506,2521,2522,2538,2539,2547,2548,2557,2558/SS

Lab. Sample No.: 6391 to 6408 Tested By: Mrs. S.B. Naik Shirodkar. J.E. & Mr. Anil R. Fadte JE.

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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 03/06/2019, For Foundation and plinth.	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	15.06	1. Quantity represents 40.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			253.71	Kg/Cm2			
			244.65	Kg/Cm2			
		Average	241.63	Kg/Cm2			
2	Cement concrete cube of mix 1:2:4 , cast on 03/06/2019, For Foundation and plinth.	28 th day compressive strength	249.18	Kg/Cm2	210 kg/cm2	17.22	... Do ...
			231.06	Kg/Cm2			
			258.24	Kg/Cm2			
		Average	246.16	Kg/Cm2			
3	Cement concrete cube of mix 1:2:4 , cast on 04/06/2019, For Foundation and plinth.	28 th day compressive strength	246.91	Kg/Cm2	210 kg/cm2	9.31	1. Quantity represents 40.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			215.20	Kg/Cm2			
			226.53	Kg/Cm2			
		Average	229.55	Kg/Cm2			
4	Cement concrete cube of mix 1:2:4 , cast on 04/06/2019, For Foundation and plinth.	28 th day compressive strength	222.00	Kg/Cm2	210 kg/cm2	8.95	... Do ...
			233.32	Kg/Cm2			
			231.06	Kg/Cm2			
		Average	228.79	Kg/Cm2			
5	Cement concrete cube of mix 1:2:4 , cast on 06/06/2019, For Foundation and plinth.	28 th day compressive strength	224.26	Kg/Cm2	210 kg/cm2	6.07	1. Quantity represents 36.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			233.32	Kg/Cm2			
			210.67	Kg/Cm2			
		Average	222.75	Kg/Cm2			
6	Cement concrete cube of mix 1:2:4 , cast on 06/06/2019, For Foundation and plinth.	28 th day compressive strength	208.40	Kg/Cm2	210 kg/cm2	2.12	... Do ...
			215.20	Kg/Cm2			
			219.73	Kg/Cm2			
		Average	214.44	Kg/Cm2			

Junior Engineer

Assistant Engineer

SR.N O.	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 07/06/2019, For Foundation and plinth.	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	12.90	1. Quantity represents 35.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			249.18	Kg/Cm2			
			235.59	Kg/Cm2			
		Average	237.10	Kg/Cm2			
8	Cement concrete cube of mix 1:2:4 , cast on 07/06/2019, For Foundation and plinth.	28 th day compressive strength	260.51	Kg/Cm2	210 kg/cm2	13.26	... Do ...
			217.47	Kg/Cm2			
			235.59	Kg/Cm2			
		Average	237.85	Kg/Cm2			
9	Cement concrete cube of mix 1:2:4 , cast on 08/06/2019, For Foundation and plinth.	28 th day compressive strength	258.24	Kg/Cm2	210 kg/cm2	17.22	1. Quantity represents 38.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			244.65	Kg/Cm2			
			235.59	Kg/Cm2			
		Average	246.16	Kg/Cm2			
10	Cement concrete cube of mix 1:2:4 , cast on 08/06/2019, For Foundation and plinth.	28 th day compressive strength	237.85	Kg/Cm2	210 kg/cm2	19.02	... Do ...
			249.18	Kg/Cm2			
			262.77	Kg/Cm2			
		Average	249.93	Kg/Cm2			
11	Cement concrete cube of mix 1:2:4 , cast on 10/06/2019, For Foundation and plinth.	28 th day compressive strength	244.65	Kg/Cm2	210 kg/cm2	10.75	1. Quantity represents 40.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			215.20	Kg/Cm2			
			237.85	Kg/Cm2			
		Average	232.57	Kg/Cm2			
12	Cement concrete cube of mix 1:2:4 , cast on 10/06/2019, For Foundation and plinth.	28 th day compressive strength	249.18	Kg/Cm2	210 kg/cm2	9.67	... Do ...
			215.20	Kg/Cm2			
			226.53	Kg/Cm2			
		Average	230.30	Kg/Cm2			
13	Cement concrete cube of mix 1:2:4 , cast on 11/06/2019, For Foundation and plinth.	28 th day compressive strength	219.73	Kg/Cm2	210 kg/cm2	6.43	1. Quantity represents 36.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			235.59	Kg/Cm2			
			215.20	Kg/Cm2			
		Average	223.51	Kg/Cm2			
14	Cement concrete cube of mix 1:2:4 , cast on 11/06/2019, For Foundation and plinth.	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	11.82	... Do ...
			255.97	Kg/Cm2			
			222.00	Kg/Cm2			
		Average	234.83	Kg/Cm2			

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SR.N O.	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 12/06/2019, For Foundation and plinth.	28 th day compressive strength	219.73	Kg/Cm2	210 kg/cm2	6.07	1. Quantity represents 38.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			240.12	Kg/Cm2			
			208.40	Kg/Cm2			
		Average	222.75	Kg/Cm2			
16	Cement concrete cube of mix 1:2:4 , cast on 12/06/2019, For Foundation and plinth.	28 th day compressive strength	240.12	Kg/Cm2	210 kg/cm2	14.70	... Do ...
			260.51	Kg/Cm2			
			222.00	Kg/Cm2			
		Average	240.87	Kg/Cm2			
17	Cement concrete cube of mix 1:2:4 , cast on 13/06/2019, For Foundation and plinth.	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	6.79	1. Quantity represents 40.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			212.93	Kg/Cm2			
			233.32	Kg/Cm2			
		Average	224.26	Kg/Cm2			
18	Cement concrete cube of mix 1:2:4 , cast on 13/06/2019, For Foundation and plinth.	28 th day compressive strength	222.00	Kg/Cm2	210 kg/cm2	5.35	... Do ...
			203.87	Kg/Cm2			
			237.85	Kg/Cm2			
		Average	221.24	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