

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7973,7974,7990,7991, / Lab / **331** / 2019 - 20 Dated:- 12 / 12 / 2019 Laboratory : Bicholim - Goa.
8003,8004,8018,8019 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/ 338 dated :- 04/12/2019.

Qty. Recived. : 08 Sets of cube Date of Receipt:- 06/12/2019. Tested on: 06/12/2019 To 12/12/2019. as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube 1:2:4 Mix O.S No. :- 2801,2802,2807,2808,2813,2814,2816 & 2817/SS

Lab. Sample No.: 7109 To 7116 Tested By: 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 08/11/2019. For Foundation and plinth.	28 th day compressive strength	253.71	Kg/Cm2	210 kg/cm2	13.98	1. Quantity represents 30.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			237.85	Kg/Cm2			
			226.53	Kg/Cm2			
		Average	239.36	Kg/Cm2			
2	Cement concrete cube of mix 1:2:4 , cast on 08/11/2019. For Foundation and plinth.	28 th day compressive strength	233.32	Kg/Cm2	210 kg/cm2	14.34	... Do ...
			251.44	Kg/Cm2			
			235.59	Kg/Cm2			
		Average	240.12	Kg/Cm2			
3	Cement concrete cube of mix 1:2:4 , cast on 11/11/2019. For Foundation and plinth.	28 th day compressive strength	199.34	Kg/Cm2	210 kg/cm2	11.11	1. Quantity represents 30.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			237.85	Kg/Cm2			
			262.77	Kg/Cm2			
		Average	233.32	Kg/Cm2			
4	Cement concrete cube of mix 1:2:4 , cast on 11/11/2019. For Foundation and plinth.	28 th day compressive strength	249.18	Kg/Cm2	210 kg/cm2	8.95	... Do ...
			231.06	Kg/Cm2			
			206.14	Kg/Cm2			
		Average	228.79	Kg/Cm2			
5	Cement concrete cube of mix 1:2:4 , cast on 13/11/2019. For Foundation and plinth.	28 th day compressive strength	206.14	Kg/Cm2	210 kg/cm2	11.47	1. Quantity represents 30.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			255.97	Kg/Cm2			
			240.12	Kg/Cm2			
		Average	234.08	Kg/Cm2			
6	Cement concrete cube of mix 1:2:4 , cast on 13/11/2019. For Foundation and plinth.	28 th day compressive strength	260.51	Kg/Cm2	210 kg/cm2	16.14	... Do ...
			231.06	Kg/Cm2			
			240.12	Kg/Cm2			
		Average	243.89	Kg/Cm2			

Junior Engineer

Assistant Engineer

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
7	Cement concrete cube of mix 1:2:4 , cast on 14/11/2019. For Foundation and plinth.	28 th day compressive strength	246.91	Kg/Cm2	210 kg/cm2	15.42	1. Quantity represents 20.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			249.18	Kg/Cm2			
			231.06	Kg/Cm2			
		Average	242.38	Kg/Cm2			
8	Cement concrete cube of mix 1:2:4 , cast on 14/11/2019. For Foundation and plinth.	28 th day compressive strength	237.85	Kg/Cm2	210 kg/cm2	17.58	... Do ...
			240.12	Kg/Cm2			
			262.77	Kg/Cm2			
		Average	246.91	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