

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7091,7092,7142,7143,7158,7159,7188,7189,/ Lab / **195** / 2019 - 20 Dated:- 17 / 06 / 2019 Laboratory : Bicholim - Goa.
7224,7225,7229,7230,7249,7250. Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of Work: - Construction of protection wall of nallah from Satish Pednekar house to Hari Tuyenkar house in Malbar bund , V.P. Anjuna - Caisua in Siolim Constituency.

Ref. to Requisition No.: MI/SDI/WDI/WRD/ F.57 /2019-20/ **66** Dated :- 20 / 05 / 2019.

Qty. Recived. : 14 Sets of cube Date of Receipt :- 21 / 05 / 2019. Tested on: 08/06/2019 To 15/06/2019. as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube 1:2:4 Mix O.S No. : 2158,2159,2192,2193,2207,2208,2224,2225,2235,2236,2242,2243,2250,2251./SS. Lab. Sample No.: 4801 To 4814. Tested By: - Mrs. S.B. Naik Shirodkar. J.E.

REPORT PAGE 01 OF 02

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 11 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	217.47	Kg/Cm2	210 kg/cm2	4.27	1. Quantity represents 30.00 Cum for two sets of cubes. 2. Excat location of work done is not specified.
			203.87	Kg/Cm2			
			235.59	Kg/Cm2			
		Average	218.98	Kg/Cm2			
2	Cement concrete cube of mix 1:2:4 , cast on 11 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	10.75	... Do ...
			240.12	Kg/Cm2			
			231.06	Kg/Cm2			
		Average	232.57	Kg/Cm2			
3	Cement concrete cube of mix 1:2:4 , cast on 13 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	203.87	Kg/Cm2	210 kg/cm2	3.20	1. Quantity represents 32.00 Cum for three sets of cubes. 2. Excat location of work done is not specified.
			219.73	Kg/Cm2			
			226.53	Kg/Cm2			
		Average	216.71	Kg/Cm2			
4	Cement concrete cube of mix 1:2:4 , cast on 13 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	210.67	Kg/Cm2	210 kg/cm2	4.27	... Do ...
			226.53	Kg/Cm2			
			219.73	Kg/Cm2			
		Average	218.98	Kg/Cm2			
5	Cement concrete cube of mix 1:2:4 , cast on 14 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	215.20	Kg/Cm2	210 kg/cm2	6.43	1. Quantity represents 30.00 Cum for three sets of cubes. 2. Excat location of work done is not specified.
			222.00	Kg/Cm2			
			233.32	Kg/Cm2			
		Average	223.51	Kg/Cm2			
6	Cement concrete cube of mix 1:2:4 , cast on 14 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	13.62	... Do ...
			262.77	Kg/Cm2			
			226.53	Kg/Cm2			
		Average	238.61	Kg/Cm2			

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 15 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	215.20	Kg/Cm2	210 kg/cm2	4.27	1. Quantity represents 32.00 Cum for three sets of cubes. 2. Excat location of work done is not specified.
			208.40	Kg/Cm2			
			233.32	Kg/Cm2			
		Average	218.98	Kg/Cm2			
8	Cement concrete cube of mix 1:2:4 , cast on 15 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	237.85	Kg/Cm2	210 kg/cm2	8.95	... Do ...
			222.00	Kg/Cm2			
			226.53	Kg/Cm2			
		Average	228.79	Kg/Cm2			
9	Cement concrete cube of mix 1:2:4 , cast on 16 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	212.93	Kg/Cm2	210 kg/cm2	7.15	1. Quantity represents 30.00 Cum for two sets of cubes. 2. Excat location of work done is not specified.
			222.00	Kg/Cm2			
			240.12	Kg/Cm2			
		Average	225.02	Kg/Cm2			
10	Cement concrete cube of mix 1:2:4 , cast on 16 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	208.40	Kg/Cm2	210 kg/cm2	6.79	... Do ...
			249.18	Kg/Cm2			
			215.20	Kg/Cm2			
		Average	224.26	Kg/Cm2			
11	Cement concrete cube of mix 1:2:4 , cast on 17 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	249.18	Kg/Cm2	210 kg/cm2	6.07	1. Quantity represents 32.00 Cum for two sets of cubes. 2. Excat location of work done is not specified.
			192.55	Kg/Cm2			
			226.53	Kg/Cm2			
		Average	222.75	Kg/Cm2			
12	Cement concrete cube of mix 1:2:4 , cast on 17 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	222.00	Kg/Cm2	210 kg/cm2	5.71	... Do ...
			208.40	Kg/Cm2			
			235.59	Kg/Cm2			
		Average	222.00	Kg/Cm2			
13	Cement concrete cube of mix 1:2:4 , cast on 18 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	13.62	1. Quantity represents 30.00 Cum for two sets of cubes. 2. Excat location of work done is not specified.
			255.97	Kg/Cm2			
			233.32	Kg/Cm2			
		Average	238.61	Kg/Cm2			
14	Cement concrete cube of mix 1:2:4 , cast on 18 / 05 / 2019, For Foundation & Plinth	28 th day compressive strength	219.73	Kg/Cm2	210 kg/cm2	7.87	... Do ...
			222.00	Kg/Cm2			
			237.85	Kg/Cm2			
		Average	226.53	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