

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 8347, 8351,8384,8395,8411,8433,8469,8484,8492,8504 / Lab / **394** / 2019 - 20 Dated:- 20 / 01 / 2020
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of Work: - Construction of nallah protection wall from Diago Cardos house up to Harmal beach at Khalchawada in Mandrem Constituency.

Ref. to Requisition No.: SDIII/WDI/WRD/ F.58 /2019-20/ 285 Dated :- 20 / 12 / 2019.

Qty. Recived. : 10 Sets of cube Date of Receipt: - 06 / 01 / 2020. Tested on: 06 / 01 / 2020 To 16 / 01 /2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube 1:2:4 Mix O.S No. :2951,2955,2973,2986,2997,3023,3032,3043,3055,3067 /SS Lab. Sample No.: 7499 To 7508.

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Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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 09 /12 / 2019, For Nalah Wall.	28 th day compressive strength	215.20	Kg/Cm2	210 kg/cm2	7.87	1) Quantity represents 24.00 Cum. 2) Exact location of work executed is not specified. 3.Cube test is witnessed by Mr. Rui Cardoz representative of Agency Augior Construction.
			217.47	Kg/Cm2			
			246.91	Kg/Cm2			
		Average	226.53	Kg/Cm2			
2	Cement concrete cube of mix 1:2:4 , cast on 10 /12 / 2019, For Nalah Wall.	28 th day compressive strength	253.71	Kg/Cm2	210 kg/cm2	8.59	1) Quantity represents 23.00 Cum. 2) Exact location of work executed is not specified.
			226.53	Kg/Cm2			
			203.87	Kg/Cm2			
		Average	228.04	Kg/Cm2			
3	Cement concrete cube of mix 1:2:4 , cast on 11 /12 / 2019, For Nalah Wall.	28 th day compressive strength	222.00	Kg/Cm2	210 kg/cm2	6.07	1) Quantity represents 24.00 Cum. 2) Exact location of work executed is not specified.
			208.40	Kg/Cm2			
			237.85	Kg/Cm2			
		Average	222.75	Kg/Cm2			
4	Cement concrete cube of mix 1:2:4 , cast on 12 /12 / 2019, For Nalah Wall.	28 th day compressive strength	240.12	Kg/Cm2	210 kg/cm2	10.39	1) Quantity represents 22.00 Cum. 2) Exact location of work executed is not specified.
			249.18	Kg/Cm2			
			206.14	Kg/Cm2			
		Average	231.81	Kg/Cm2			
5	Cement concrete cube of mix 1:2:4 , cast on 13 /12 / 2019, For Nalah Wall.	28 th day compressive strength	231.06	Kg/Cm2	210 kg/cm2	8.95	1) Quantity represents 24.00 Cum. 2) Exact location of work executed is not specified.
			237.85	Kg/Cm2			
			217.47	Kg/Cm2			
		Average	228.79	Kg/Cm2			

Junior Engineer

Assistant Engineer

SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
6	Cement concrete cube of mix 1:2:4 , cast on 14 /12 / 2019, For Nalah Wall.	28 th day compressive strength	215.20	Kg/Cm2	210 kg/cm2	6.79	1) Quantity represents 24.00 Cum. 2) Exact location of work executed is not specified.
			226.53	Kg/Cm2			
			231.06	Kg/Cm2			
			Average	224.26			
7	Cement concrete cube of mix 1:2:4 , cast on 16 /12 / 2019, For Nalah Wall.	28 th day compressive strength	212.93	Kg/Cm2	210 kg/cm2	9.67	1) Quantity represents 23.00 Cum. 2) Exact location of work executed is not specified.
			240.12	Kg/Cm2			
			237.85	Kg/Cm2			
			Average	230.30			
8	Cement concrete cube of mix 1:2:4 , cast on 17 /12 / 2019, For Nalah Wall.	28 th day compressive strength	237.85	Kg/Cm2	210 kg/cm2	8.59	1) Quantity represents 24.00 Cum. 2) Exact location of work executed is not specified.
			215.20	Kg/Cm2			
			231.06	Kg/Cm2			
			Average	228.04			
9	Cement concrete cube of mix 1:2:4 , cast on 18 /12 / 2019, For Nalah Wall.	28 th day compressive strength	222.00	Kg/Cm2	210 kg/cm2	6.07	1) Quantity represents 23.00 Cum. 2) Exact location of work executed is not specified.
			226.53	Kg/Cm2			
			219.73	Kg/Cm2			
			Average	222.75			
10	Cement concrete cube of mix 1:2:4 , cast on 19 /12 / 2019, For Nalah Wall.	28 th day compressive strength	231.06	Kg/Cm2	210 kg/cm2	10.75	1) Quantity represents 24.00 Cum. 2) Exact location of work executed is not specified.
			226.53	Kg/Cm2			
			240.12	Kg/Cm2			
			Average	232.57			

Copy to: 1. The Assistant Engineer ,SD III,WD I,WRD, Pernem - 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