

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 8513,8516,8522,8540,8553,8580,8587,8603 & 8615 / Lab / **409** / 2019 - 20 Dated:- 27 / 01 / 2020 Laboratory : Bicholim - Goa.
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/ **287** Dated :- 30 / 12 / 2019.

Qty. Recived. : 09 Sets of cube Date of Receipt: - 06 / 01 / 2020. Tested on: 17 / 01 / 2020 To 26 / 01 /2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube 1:2:4 Mix O.S No. :3069,3072,3074,3083,3089,3099,3105,3111 /SS & 1609/AF Lab. Sample No.: 7509 To 7517.

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Tested By: Mrs. S.B. Naik Shirodkar. J.E. & Mr. Anil. R. Fadte. 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 20 /12 / 2019, For Nalah Wall.	28 th day compressive strength	219.73	Kg/Cm2	210 kg/cm2	5.71	1) Quantity represents 24.00 Cum. 2) Exact location of work executed is not specified.
			231.06	Kg/Cm2			
			215.20	Kg/Cm2			
		Average	222.00	Kg/Cm2			
2	Cement concrete cube of mix 1:2:4 , cast on 21 /12 / 2019, For Nalah Wall.	28 th day compressive strength	231.06	Kg/Cm2	210 kg/cm2	12.54	1) Quantity represents 23.00 Cum. 2) Exact location of work executed is not specified.
			265.04	Kg/Cm2			
			212.93	Kg/Cm2			
		Average	236.34	Kg/Cm2			
3	Cement concrete cube of mix 1:2:4 , cast on 22 /12 / 2019, For Nalah Wall.	28 th day compressive strength	231.06	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			
			215.20	Kg/Cm2			
		Average	224.26	Kg/Cm2			
4	Cement concrete cube of mix 1:2:4 , cast on 23 /12 / 2019, For Nalah Wall.	28 th day compressive strength	203.87	Kg/Cm2	210 kg/cm2	2.48	1) Quantity represents 22.00 Cum. 2) Exact location of work executed is not specified. 3.Cube test is witnessed by Mr. Rui Cardoz representative of Agency Augior
			215.20	Kg/Cm2			
			226.53	Kg/Cm2			
		Average	215.20	Kg/Cm2			
5	Cement concrete cube of mix 1:2:4 , cast on 24 /12 / 2019, For Nalah Wall.	28 th day compressive strength	206.14	Kg/Cm2	210 kg/cm2	3.55	1) Quantity represents 24.00 Cum. 2) Exact location of work executed is not specified.
			219.73	Kg/Cm2			
			226.53	Kg/Cm2			
		Average	217.47	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 26 /12 / 2019, For Nalah Wall.	28 th day compressive strength	235.59	Kg/Cm2	210 kg/cm2	7.15	1) Quantity represents 24.00 Cum. 2) Exact location of work executed is not specified.
			226.53	Kg/Cm2			
			212.93	Kg/Cm2			
		Average	225.02	Kg/Cm2			
7	Cement concrete cube of mix 1:2:4 , cast on 27 /12 / 2019, For Nalah Wall.	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	7.15	1) Quantity represents 22.00 Cum. 2) Exact location of work executed is not specified.
			228.79	Kg/Cm2			
			219.73	Kg/Cm2			
		Average	225.02	Kg/Cm2			
8	Cement concrete cube of mix 1:2:4 , cast on 28 /12 / 2019, For Nalah Wall.	28 th day compressive strength	217.47	Kg/Cm2	210 kg/cm2	4.27	1) Quantity represents 23.00 Cum. 2) Exact location of work executed is not specified.
			231.06	Kg/Cm2			
			208.40	Kg/Cm2			
		Average	218.98	Kg/Cm2			
9	Cement concrete cube of mix 1:2:4 , cast on 29 /12 / 2019, For Nalah Wall.	28 th day compressive strength	210.67	Kg/Cm2	210 kg/cm2	5.35	1) Quantity represents 22.00 Cum. 2) Exact location of work executed is not specified.
			237.85	Kg/Cm2			
			215.20	Kg/Cm2			
		Average	221.24	Kg/Cm2			

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