

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 9845,9846,9865,9866,9894,9895,9928,9929,9964 & 9965/ Lab / **53** / 2020 - 2021 Dated:- 17 / 06 / 2020.

Laboratory : Bicholim - Goa.Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of Work: - Construction of Protection wall from Devichi Tali up to Harmal beach Khalchawada in Mandrem Constituency at Village Harmal in Pernem Taluka.

Ref. to Requisition No.: MI/SDIII/WDI/WRD/ F.58/2020-21/ **38** Dated :- 26 / 05 / 2020.

Qty. Recived. : 10 Sets of cube Date of Receipt: - 03/06/2020. Tested on: 05/06/2020 To 12/06/2020. as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube 1:2:4 Mix O.S No. :3801, 3816, 3835, 3858, 3885 /SS. Lab. Sample No.: 9051 To 9060 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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SR. NO.	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 08/05/2020. for Nallah wall.	28 th day compressive strength	217.47	Kg/Cm2	210 kg/cm2	4.63	1. Quantity represents 49.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			226.53	Kg/Cm2			
			215.20	Kg/Cm2			
		Average	219.73	Kg/Cm2			
2	Cement concrete cube of mix 1:2:4 , cast on 08/05/2020. for Nallah wall.	28 th day compressive strength	212.93	Kg/Cm2	210 kg/cm2	3.20 Do
			219.73	Kg/Cm2			
			217.47	Kg/Cm2			
		Average	216.71	Kg/Cm2			
3	Cement concrete cube of mix 1:2:4 , cast on 09/05/2020. for Nallah wall.	28 th day compressive strength	212.93	Kg/Cm2	210 kg/cm2	5.71	1. Quantity represents 50.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			215.20	Kg/Cm2			
			237.85	Kg/Cm2			
		Average	222.00	Kg/Cm2			
4	Cement concrete cube of mix 1:2:4 , cast on 09/05/2020. for Nallah wall.	28 th day compressive strength	244.65	Kg/Cm2	210 kg/cm2	8.59 Do
			226.53	Kg/Cm2			
			212.93	Kg/Cm2			
		Average	228.04	Kg/Cm2			
5	Cement concrete cube of mix 1:2:4 , cast on 11/05/2020. for Nallah wall.	28 th day compressive strength	212.93	Kg/Cm2	210 kg/cm2	2.84	1. Quantity represents 53.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			219.73	Kg/Cm2			
			215.20	Kg/Cm2			
		Average	215.95	Kg/Cm2			

Junior Engineer

Assistant Engineer

SR. NO.	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 11/05/2020. for Nallah wall.	28 th day compressive strength	237.85	Kg/Cm2	210 kg/cm2	4.99	1. Quantity represents 53.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			217.47	Kg/Cm2			
			206.14	Kg/Cm2			
		Average	220.49	Kg/Cm2			
7	Cement concrete cube of mix 1:2:4 , cast on 13/05/2020. for Nallah wall.	28 th day compressive strength	217.47	Kg/Cm2	210 kg/cm2	4.63	1. Quantity represents 48.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			208.40	Kg/Cm2			
			233.32	Kg/Cm2			
		Average	219.73	Kg/Cm2			
8	Cement concrete cube of mix 1:2:4 , cast on 13/05/2020. for Nallah wall.	28 th day compressive strength	212.93	Kg/Cm2	210 kg/cm2	7.51 Do
			226.53	Kg/Cm2			
			237.85	Kg/Cm2			
		Average	225.77	Kg/Cm2			
9	Cement concrete cube of mix 1:2:4 , cast on 15/05/2020. for Nallah wall.	28 th day compressive strength	235.59	Kg/Cm2	210 kg/cm2	10.03	1. Quantity represents 50.00 Cum for two sets of cubes. 2. Exact location of work done is not specified.
			219.73	Kg/Cm2			
			237.85	Kg/Cm2			
		Average	231.06	Kg/Cm2			
10	Cement concrete cube of mix 1:2:4 , cast on 15/05/2020. for Nallah wall.	28 th day compressive strength	217.47	Kg/Cm2	210 kg/cm2	10.75 Do
			253.71	Kg/Cm2			
			226.53	Kg/Cm2			
		Average	232.57	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