

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7466,7485,7488,7514,7532,7569, 7599 / Lab / **234** / 2019 - 20
7603,7647,7662 & 7675

Dated:- 08/07/2019 Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of Work: - Construction of nallah protection wall at Karmal kungo at Kadsare V.P. Varkhand Nagzar in Pernem Taluka.

Ref. to Requisition no.: SDIII/WDI/WRD/ F.30 /2019-20/91 dated :-24/06/2019.

Qty. Recived. : 11 Sets of cube Date of Receipt: 25/06/2019. Tested on: 25/06/2019 To 06/07/2019 as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube 1:2:4 Mix O.S No. :2365,2384,2387,2413,2431,2451,2477,2482/SS, 1027/AF,2495 & 2511 /SS Lab. Sample No.: 6508 to 6518

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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 28/05/2019, For Foundation. Quantity represents 22.00 Cum	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	8.59	Exact location of work executed is not specified.
			244.65	Kg/Cm2			
			212.93	Kg/Cm2			
			Average	228.04			
2	Cement concrete cube of mix 1:2:4 , cast on 29/05/2019, For Foundation/walls. Quantity represents 21.00 Cum	28 th day compressive strength	237.85	Kg/Cm2	210 kg/cm2	4.63	... Do ...
			217.47	Kg/Cm2			
			203.87	Kg/Cm2			
			Average	219.73			
3	Cement concrete cube of mix 1:2:4 , cast on 30/05/2019, For walls. Quantity represents 22.00 Cum	28 th day compressive strength	210.67	Kg/Cm2	210 kg/cm2	6.43	... Do ...
			226.53	Kg/Cm2			
			233.32	Kg/Cm2			
			Average	223.51			
4	Cement concrete cube of mix 1:2:4 , cast on 31/05/2019, For Foundation. Quantity represents 20.50 Cum	28 th day compressive strength	226.53	Kg/Cm2	210 kg/cm2	8.95	... Do ...
			219.73	Kg/Cm2			
			240.12	Kg/Cm2			
			Average	228.79			
5	Cement concrete cube of mix 1:2:4 , cast on 01/06/2019, For Foundations. Quantity represents 22.00 Cum	28 th day compressive strength	240.12	Kg/Cm2	210 kg/cm2	5.71	... Do ...
			199.34	Kg/Cm2			
			226.53	Kg/Cm2			
			Average	222.00			
6	Cement concrete cube of mix 1:2:4 , cast on 03/06/2019, For Walls. Quantity represents 21.00 Cum	28 th day compressive strength	201.61	Kg/Cm2	210 kg/cm2	3.55	... Do ...
			237.85	Kg/Cm2			
			212.93	Kg/Cm2			
			Average	217.47			

Junior Engineer

Assistant Engineer

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 04/06/2019, For Walls. Quantity represents 20.00 Cum	28 th day compressive strength	237.85	Kg/Cm2	210 kg/cm2	5.71	Excat location of work executed is not specified.
			222.00	Kg/Cm2			
			206.14	Kg/Cm2			
		Average	222.00	Kg/Cm2			
8	Cement concrete cube of mix 1:2:4 , cast on 05/06/2019, For Walls. Quantity represents 20.00 Cum	28 th day compressive strength	222.00	Kg/Cm2	210 kg/cm2	4.27	... Do ...
			203.87	Kg/Cm2			
			231.06	Kg/Cm2			
		Average	218.98	Kg/Cm2			
9	Cement concrete cube of mix 1:2:4 , cast on 06/06/2019, For Walls. Quantity represents 20.00 Cum	28 th day compressive strength	208.40	Kg/Cm2	210 kg/cm2	2.48	... Do ...
			224.26	Kg/Cm2			
			212.93	Kg/Cm2			
		Average	215.20	Kg/Cm2			
10	Cement concrete cube of mix 1:2:4 , cast on 07/06/2019, For Walls. Quantity represents 21.00 Cum	28 th day compressive strength	224.26	Kg/Cm2	210 kg/cm2	5.35	... Do ...
			235.59	Kg/Cm2			
			203.87	Kg/Cm2			
		Average	221.24	Kg/Cm2			
11	Cement concrete cube of mix 1:2:4 , cast on 08/06/2019, For Walls/Foundation. Quantity represents 20.00 Cum	28 th day compressive strength	219.73	Kg/Cm2	210 kg/cm2	8.23	... Do ...
			206.14	Kg/Cm2			
			255.97	Kg/Cm2			
		Average	227.28	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