

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F.6-2/Cube -T : 9988,9992,9999,008,020,032,047,063,077 & 083 / Lab /**83** / 2020 - 2021 Dated:- 04 / 07/ 2020

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

Name of Work: - Improvement to nallah bank behind the house of Shri. Javid Aga, Shri. Imtiaz Aga and others both side in ward No. 10 V.M.C. Valpoi in Sattari Taluka.

Ref. to Requisition No.: MI /WD VI / WRD /SD II / F. 62 /2020-21/ **36** Dated :- 04-06-2020

Qty. Recived. : 10 Sets of cube Date of Receipt: -10/06/2020. Tested on:- 13/06/2020 To 22/06/2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: CC 1 : 2 : 4 Mix O.S No. : 3902,3905, 3910,3916,3925,3935,3948,3963,3976 & 3982/SS. Lab. Sample No.: 9178 To 9187

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 16/05/2020. for R. wall lift side foundation 0.00 to 24.00	28th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/Cm ²	4.99	Represents Qty. 20.00 Cum.
			203.87	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	220.49	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 17/05/2020. for R. wall lift side foundation 24.00 to 46.00	28th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/Cm ²	3.55	Represents Qty. 18.00 Cum.
			212.93	Kg/Cm ²			
			208.40	Kg/Cm ²			
		Average	217.47	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 18/05/2020. for above foundation 1 st lift 0.00 to 24.00	28th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/Cm ²	3.91	Represents Qty. 20.00 Cum.
			226.53	Kg/Cm ²			
			210.67	Kg/Cm ²			
		Average	218.22	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 19/05/2020. for above foundation 1 st lift 24.00 to 46.00	28th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/Cm ²	4.27	Represents Qty. 20.00 Cum.
			224.26	Kg/Cm ²			
			217.47	Kg/Cm ²			
		Average	218.98	Kg/Cm²			

Junior Engineer

Assistant Engineer

SR.NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 20/05/2020. for above foundation 2 nd lift 0.00 to 46.00	28th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/Cm ²	2.84	Represents Qty. 13.50 Cum.
			206.14	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	215.95	Kg/Cm²			
6	Cement concrete cube of mix 1 : 2 : 4 , cast on 21/05/2020. for R. wall right side foundation 0.00 to 6.00	28th day compressive strength	199.34	Kg/Cm ²	210.00 Kg/Cm ²	4.63	Represents Qty. 20.00 Cum.
			226.53	Kg/Cm ²			
			233.32	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
7	Cement concrete cube of mix 1 : 2 : 4 , cast on 22/05/2020. for R. wall right side foundation 6.00 to 11.60	28th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/Cm ²	3.91	Represents Qty. 20.00 Cum.
			206.14	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	218.22	Kg/Cm²			
8	Cement concrete cube of mix 1 : 2 : 4 , cast on 23/05/2020. for above foundation 1 st lift 0.00 to 11.60	28th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/Cm ²	4.63	Represents Qty. 25.00 Cum.
			244.65	Kg/Cm ²			
			199.34	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
9	Cement concrete cube of mix 1 : 2 : 4 , cast on 24/05/2020. for above foundation 2 nd lift 0.00 to 11.60	28th day compressive strength	203.87	Kg/Cm ²	210.00 Kg/Cm ²	5.71	Represents Qty. 20.00 Cum.
			215.20	Kg/Cm ²			
			246.91	Kg/Cm ²			
		Average	222.00	Kg/Cm²			
10	Cement concrete cube of mix 1 : 2 : 4 , cast on 25/05/2020. for above foundation 3 rd lift 0.00 to 11.60	28th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/Cm ²	7.15	Represents Qty. 20.00 Cum.
			240.12	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	225.02	Kg/Cm²			

1. Copy to: The Assistant Engineer SD II , WD VI , WRD , Valpoi Sattari - 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 VI, WRD, Bicholim-Goa.
4. QC Lab File.
5. Bill File.

Junior Engineer

Assistant Engineer