

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 662,625,690,714,740,762,793 / Lab / **227** / 2020 - 21 Dated:- 09/ 02 / 2021. Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work :Improvement to Comunidade Nalla from St.Antony Church Naikwado up to the fields Gaura Naikwada Border in Calangute Constituency..

Ref. to Requisition No.: S.D.II/ W.D.I /WRD / F.24 /2020-21/ 382 Dated :- 05/ 01 / 2021.

Qty. Recived. :7 Sets of cube Date of Receipt:- 05/ 01 / 2021. Tested on: -11,13,16,18,21,25 & 28/01/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. : 4690,4657,4717/SS, 28/RK,4756,4779,4814/SS. Lab. Sample No.: 25 To 31

Tested By: Mrs. R.R. Kadam, AE & 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 16/12/2020. P.C.C. for Foundation.	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	7.51	Qty represents - 22.00 Cum for one sets of cube.
			231.06	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	225.77	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 14/12/2020. P.C.C. for Foundation.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	8.95	Qty represents - 23.80 Cum for one sets of cube.
			219.73	Kg/Cm ²			
			240.12	Kg/Cm ²			
		Average	228.79	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 19/12/2020. P.C.C. for 1st step.	28 th day compressive strength	222.00	Kg/Cm ²	210.00 Kg/cm ²	9.67	Qty represents - 28.30 Cum for one sets of cube.
			242.38	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	230.30	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 21/12/2020. P.C.C. for 1st step.	28 th day compressive strength	244.65	Kg/Cm ²	210.00 Kg/cm ²	11.82	Qty represents - 25.20 Cum for one sets of cube.
			212.93	Kg/Cm ²			
			246.91	Kg/Cm ²			
		Average	234.83	Kg/Cm²			
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 24/12/2020. P.C.C. for 2nd step.	28 th day compressive strength	249.18	Kg/Cm ²	210.00 Kg/cm ²	8.95	Qty represents - 12.00 Cum for one sets of cube.
			222.00	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	228.79	Kg/Cm²			

Junior Engineer

Assistant Engineer

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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 28/12/2020. P.C.C. for 2nd step.	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	8.23	Qty represents - 18.00 Cum for one sets of cube.
			237.85	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	227.28	Kg/Cm²			
7	Cement concrete cube of mix 1 : 2 : 4 , cast on 31/12/2020. P.C.C. for 3rd step.	28 th day compressive strength	201.61	Kg/Cm ²	210.00 Kg/cm ²	5.35	Qty represents - 08.00 Cum for one sets of cube.
			235.59	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	221.24	Kg/Cm²			

- Copy to: 1. The Assistant Engineer , SD II , WD I, WRD, Mapusa -Bardez - Goa.
2. Copy submitted to The Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa for kind Information.
3. Copy submitted to The Executive Engineer , WDI ,WRD, Porvorim Goa.
4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer