

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :2469,2488,2489,2518,2552,2571 / Lab / **157/** 2021 - 22 Dated:-14/07/ 2021. Laboratory : Bicholim - Goa
Sub Division V (QC)/WRD/ Bicholim- Goa

Name of work : Improvement of existing nallah from Smt.Revati S. Naik to Nakul Vishnu Naik house, at Naika Vaddo in V.P. Pirna in Tivim Constituency.

Ref. to Requisition No.:SDII/WDI/WRD/F.24/21-22/124 Dated :- 30/ 06 / 2021.

Qty. Received. :06 Sets of cube Date of Receipt:- 30/ 06 / 2021. Tested on: -30/06/2021 & 03,06,09,12/07/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1: 2: 4 O.S No.: 6710,6730,6731,6765,6800,6819/SS Lab. Sample No.: 2019 to 2024 Tested By: Mrs.Shirodkar. J.E.

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Cement concrete cube of mix 1 : 2: 4 , cast on 02/06/2021. For Ch.50 to 55.5m on LHS ch. 0 to 38.50 on RHS Bed PCC.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	6.79	Qty represents - 5.00 Cum.
			215.20	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	224.26	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2: 4 , cast on 05/06/2021. For Ch.50 to 55.5m on LHS ch. 0 to 38.50 on RHS Bed Block.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	2.84	Qty represents - 29.00 Cum for two sets of cubes.
			208.40	Kg/Cm ²			
			212.93	Kg/Cm ²			
		Average	215.95	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2: 4 , cast on 05/06/2021. For Ch.50 to 55.5m on LHS ch. 0 to 38.50 on RHS Bed Block.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	8.23	----- do -----
			212.93	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	227.28	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2: 4 , cast on 08/06/2021. For Ch.50 to 55.5m on LHS ch. 0 to 38.50 on RHS 1 st step.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	6.07	Qty represents - 28.50 Cum.
			226.53	Kg/Cm ²			
			233.32	Kg/Cm ²			
		Average	222.75	Kg/Cm²			
5	Cement concrete cube of mix 1 : 2: 4 , cast on 11/06/2021. For Ch.50 to 55.5m on LHS ch. 0 to 38.50 on RHS 2 nd step.	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	6.79	Qty represents - 15.50 Cum.
			237.85	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	224.26	Kg/Cm²			
6	Cement concrete cube of mix 1 : 2: 4 , cast on 14/06/2021. For Ch.50 to 55.5m on LHS ch. 0 to 38.50 on RHS 3 rd step.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	7.51	Qty represents - 10.00 Cum.
			233.32	Kg/Cm ²			
			228.79	Kg/Cm ²			
		Average	225.77	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD II , WD I , WRD, Mapusa- 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