

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :722,723,728,729,735,736,743,744,/ Lab / **209**/ 2020 - 21 Dated:- 30/ 01 / 2021. Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of Protection wall for nallah on both sides from main road to Sagun Sinari and Govind Parab house to shekri at Pimpalwada Amona in Bicholim Taluka.

Ref. to Requisition No.: SDI/WDVI/WRD/F.226/2020-21/448 Dated :- 15/ 01 / 2021.

Qty. Recived. :8 Sets of cube Date of Receipt:- 15/ 01/ 2021. Tested on: -18/01/2021 & 21/01/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1 : 2 : 4 O.S No. : 36,37/RK,4743,4744,4751,4752,4759,4760/SS. Lab. Sample No.: 116 To 123 Tested By: Mrs.R.R. Kadam. A.E & 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 11/01/2021. For Foundation ch 120m to ch 130m (from middle road)	7 th day compressive strength	185.75	Kg/Cm ²	140.00 Kg/cm ²	21.89	1)Qty represents -16.50 Cum. 2)28th day test due on 08/02/2021
			169.89	Kg/Cm ²			
			156.30	Kg/Cm ²			
			Average	170.65			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 11/01/2021. For Foundation ch 130m to ch 140m	7 th day compressive strength	176.69	Kg/Cm ²	140.00 Kg/cm ²	18.12	1)Qty represents -16.50 Cum. 2)28th day test due on 08/02/2021
			147.24	Kg/Cm ²			
			172.16	Kg/Cm ²			
			Average	165.36			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 12/01/2021. For Foundation ch 140m to ch 150m	7 th day compressive strength	167.63	Kg/Cm ²	140.00 Kg/cm ²	20.81	1)Qty represents -16.50 Cum. 2)28th day test due on 09/02/2021
			181.22	Kg/Cm ²			
			158.57	Kg/Cm ²			
			Average	169.14			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 12/01/2021. For Foundation ch 150m to ch 160m	7 th day compressive strength	144.98	Kg/Cm ²	140.00 Kg/cm ²	13.26	1)Qty represents -16.50 Cum. 2)28th day test due on 09/02/2022
			160.83	Kg/Cm ²			
			169.89	Kg/Cm ²			
			Average	158.57			

Junior Engineer

Assistant Engineer

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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 13/01/2021. For 1st steps ch 120m to ch 130m	7 th day compressive strength	156.30	Kg/Cm ²	140.00 Kg/cm ²	15.42	1)Qty represents -14.00 Cum. 2)28th day test due on 10/02/2021
			154.04	Kg/Cm ²			
			174.43	Kg/Cm ²			
		Average	161.59	Kg/Cm²			
6	Cement concrete cube of mix 1:2:4 , cast on 13/01/2021. For 1st steps ch 130m to ch 140m	7 th day compressive strength	144.98	Kg/Cm ²	140.00 Kg/cm ²	10.57	1)Qty represents -14.00 Cum. 2)28th day test due on 10/02/2022
			156.30	Kg/Cm ²			
			163.10	Kg/Cm ²			
		Average	154.79	Kg/Cm²			
7	Cement concrete cube of mix 1:2:4 , cast on 14/01/2021. For 1st steps ch 140m to ch 150m	7 th day compressive strength	169.89	Kg/Cm ²	140.00 Kg/cm ²	12.18	1)Qty represents -14.00 Cum. 2)28th day test due on 11/02/2021
			154.04	Kg/Cm ²			
			147.24	Kg/Cm ²			
		Average	157.06	Kg/Cm²			
8	Cement concrete cube of mix 1:2:4 , cast on 14/01/2021. For 1st steps ch 150m to ch 160m	7 th day compressive strength	147.24	Kg/Cm ²	140.00 Kg/cm ²	8.41	1)Qty represents -14.00 Cum. 2)28th day test due on 11/02/2022
			167.63	Kg/Cm ²			
			140.45	Kg/Cm ²			
		Average	151.77	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD I , WD VI, WRD,Bicholim - 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