

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :924,925,941,942,954,955,961,962/ Lab / **252**/ 2020 - 21 Dated:- 18/ 02 / 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 House 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. Received. :8 Sets of cube Date of Receipt:- 15/ 01/ 2021. Tested on: -08/02/2021 To 11/02/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1 : 2 : 4 O.S No. : 4962,4963,4983,4984,4998,4999,5006,5007/SS. Lab. Sample No.: 116 To 123 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 11/01/2021. For Foundation ch 120m to ch 130m (from middle road)	28 th day compressive strength	251.44	Kg/Cm ²	210.00 Kg/cm ²	11.47	Qty represents -16.50 Cum.
			231.06	Kg/Cm ²			
			219.73	Kg/Cm ²			
		Average	234.08	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 11/01/2021. For Foundation ch 130m to ch 140m	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	12.90	Qty represents -16.50 Cum.
			258.24	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	237.10	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 12/01/2021. For Foundation ch 140m to ch 150m	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	15.06	Qty represents -16.50 Cum.
			260.51	Kg/Cm ²			
			244.65	Kg/Cm ²			
		Average	241.63	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 12/01/2021. For Foundation ch 150m to ch 160m	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	12.54	Qty represents -16.50 Cum.
			249.18	Kg/Cm ²			
			224.26	Kg/Cm ²			
		Average	236.34	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
5	Cement concrete cube of mix 1 :2 : 4 , cast on 13/01/2021. For 1 st step ch 120m to ch 130m	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	12.54	Qty represents -14.00 Cum.
			244.65	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	236.34	Kg/Cm²			
6	Cement concrete cube of mix 1 :2 : 4 , cast on 13/01/2021. For 1 st step ch 130m to ch 140m	28 th day compressive strength	249.18	Kg/Cm ²	210.00 Kg/cm ²	15.06	Qty represents -14.00 Cum.
			237.85	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	241.63	Kg/Cm²			
7	Cement concrete cube of mix 1 :2 : 4 , cast on 14/01/2021. For 1 st step ch 140m to ch 150m	28 th day compressive strength	242.38	Kg/Cm ²	210.00 Kg/cm ²	19.02	Qty represents -14.00 Cum.
			260.51	Kg/Cm ²			
			246.91	Kg/Cm ²			
		Average	249.93	Kg/Cm²			
8	Cement concrete cube of mix 1 :2 : 4 , cast on 14/01/2021. For 1 st step ch 150m to ch 160m	28 th day compressive strength	249.18	Kg/Cm ²	210.00 Kg/cm ²	12.90	Qty represents -14.00 Cum.
			226.53	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	237.10	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