

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :1488,1489,1495,1496,1508,1509,1526,1527 / Lab / **08** / 2021 - 22 Dated:- 15/04 / 2021. Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of Protection wall for nalla 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.: F.226/WRD/WDVI/SDI/637/2020-21 Dated :- 24 / 03 / 2021.

Qty. Recived. : 08 Sets of cube Date of Receipt:- 24/03/ 2021. Tested on: - 24/03/2021 To 27 /03/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. : 5620,5621,5627,5628,5643,5644,5664,5665 /SS. Lab. Sample No.: 1007 To 1014 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 24/02/2021. For 1st step of L.H.S wall from Ch. 300m to Ch. 310m.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	3.20	Qty represents -13.50 cum.
			226.53	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	216.71	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 24/02/2021. For 1st step of R.H.S wall from Ch. 300m to Ch. 310m.	28 th day compressive strength	203.87	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents -13.50 cum.
			217.47	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 25/02/2021. For 1st step of L.H.S wall from Ch. 290m to Ch. 300m.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	4.27	Qty represents -13.50 cum.
			208.40	Kg/Cm ²			
			233.32	Kg/Cm ²			
		Average	218.98	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 25/02/2021. For 1st step of R.H.S wall from Ch. 290m to Ch. 300m.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	6.79	Qty represents -13.50 cum.
			219.73	Kg/Cm ²			
			244.65	Kg/Cm ²			
		Average	224.26	Kg/Cm²			
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 26/02/2021. For Foundation of R.H.S wall from Ch. 270m to Ch. 280m.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	8.23	Qty represents -18.00 cum .
			212.93	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	227.28	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 26/02/2021. For Foundation of L.H.S wall from Ch. 270m to Ch. 280m.	28 th day compressive strenath	235.59	Kg/Cm ²	210.00 Kg/cm ²	7.87	Qty represents -18.00 cum .
			217.47	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	226.53			
7	Cement concrete cube of mix 1 : 2 : 4 , cast on 27/02/2021. For 1st step of R.H.S wall from Ch. 180m to Ch. 190m.	28 th day compressive strength	222.00	Kg/Cm ²	210.00 Kg/cm ²	6.07	Qty represents - 13.50 cum.
			231.06	Kg/Cm ²			
			215.20	Kg/Cm ²			
			Average	222.75			
8	Cement concrete cube of mix 1 : 2 : 4 , cast on 27/02/2021. For 1st step of R.H.S wall from Ch. 280m to Ch. 290m.	28 th day compressive strenath	226.53	Kg/Cm ²	210.00 Kg/cm ²	8.59	Qty represents - 13.50 cum.
			231.06	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	228.04			

Copy to: 1. The Assistant Engineer , SDI , 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