

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 3053,3054,3061,3062,3067,3068,3083,3084,/ Lab /283/ 2021 - 22 Dated:- 05/ 02/2022. Laboratory : Bicholim - Goa.
3087,3088,3089,3090,3093 & 3094 Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of Protection wall for Nalla from Shri Amrut Pednekar House to Shri Kishor Patil House at Chinch – Bhatwadi, Mayem in Survey No 185 of Bicholim Taluka.

Ref. to Requisition No.:F.226/WRD/WDVI/SDI/418/2020-21 Dt.:- 11/ 01/ 2022

Qty. Recived. : 14 Sets of cube Date of Receipt:- 12/01/ 2022. Tested on: -25,26,27,28,29,30 & 31/01/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix PCC 1:2:4 O.S No. :7476,7477,7486,7487,7496,7497,7518,7519,7524,7525,7533,7534,7540 & 7541/SS Lab. Sample No.: 2682 To 2695 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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SR.N O.	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 28/12/2021. PCC for foundation of L.H.S wall from Ch 0m to Ch 17m	28 th day compressive strength	219.73	Ka/Cm ²	210.00 Kg/cm ²	7.87	Qty represents - 17.00 Cum.
			244.65	Ka/Cm ²			
			215.20	Kg/Cm ²			
		Average	226.53	Ka/Cm²			
2	Cement concrete cube of mix 1 : 2: 4 , cast on 28/12/2021. PCC for foundation of R.H.S wall from Ch 0m to Ch 17m	28 th day compressive strength	237.85	Ka/Cm ²	210.00 Kg/cm ²	5.71	Qty represents - 17.00 Cum.
			208.40	Ka/Cm ²			
			219.73	Kg/Cm ²			
		Average	222.00	Ka/Cm²			
3	Cement concrete cube of mix 1 : 2: 4 , cast on 29/12/2021. PCC for foundation of L.H.S wall from Ch 21m to Ch 43m	28 th day compressive strength	231.06	Ka/Cm ²	210.00 Kg/cm ²	5.35	Qty represents - 22.00 Cum.
			215.20	Ka/Cm ²			
			217.47	Kg/Cm ²			
		Average	221.24	Ka/Cm²			
4	Cement concrete cube of mix 1 : 2: 4 , cast on 29/12/2021. PCC for foundation of R.H.S wall from Ch 21m to Ch 43m	28 th day compressive strength	237.85	Ka/Cm ²	210.00 Kg/cm ²	6.43	Qty represents - 22.00 Cum.
			219.73	Ka/Cm ²			
			212.93	Kg/Cm ²			
		Average	223.51	Ka/Cm²			
5	Cement concrete cube of mix 1 : 2: 4 , cast on 30/12/2021. PCC for foundation of L.H.S wall from Ch 55m to Ch 70m	28 th day compressive strength	226.53	Ka/Cm ²	210.00 Kg/cm ²	5.35	Qty represents - 15.00 Cum.
			215.20	Ka/Cm ²			
			222.00	Kg/Cm ²			
		Average	221.24	Ka/Cm²			

Junior Engineer

Assistant Engineer

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min. Value permissible	% above or below	REMARK
6	Cement concrete cube of mix 1 : 2: 4 , cast on 30/12/2021. PCC for foundation of R.H.S wall from Ch 55m to Ch 70m	28 th day compressive strength	240.12	Kg/Cm ²	210.00 Kg/cm ²	4.99	Qty represents - 15.00 Cum.
			217.47	Kg/Cm ²			
			203.87	Kg/Cm ²			
		Average	220.49	Kg/Cm²			
7	Cement concrete cube of mix 1 : 2: 4 , cast on 31/12/2021. PCC for foundation of L.H.S wall from Ch 70m to Ch 85m	28 th day compressive strength	242.38	Kg/Cm ²	210.00 Kg/cm ²	15.42	Qty represents - 15.00 Cum.
			249.18	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	242.38	Kg/Cm²			
8	Cement concrete cube of mix 1 : 2: 4 , cast on 31/12/2021. PCC for foundation of R.H.S wall from Ch 70m to Ch 85m	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 15.00 Cum.
			219.73	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
9	Cement concrete cube of mix 1 : 2: 4 , cast on 01/01/2022. PCC for foundation of L.H.S wall from Ch 85m to Ch 100m	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	3.55	Qty represents - 15.00 Cum.
			224.26	Kg/Cm ²			
			219.73	Kg/Cm ²			
		Average	217.47	Kg/Cm²			
10	Cement concrete cube of mix 1 : 2: 4 , cast on 01/01/2022. PCC for foundation of R.H.S wall from Ch 85m to Ch 100m	28 th day compressive strength	246.91	Kg/Cm ²	210.00 Kg/cm ²	11.82	Qty represents - 15.00 Cum.
			226.53	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	234.83	Kg/Cm²			
11	Cement concrete cube of mix 1 : 2: 4 , cast on 02/01/2022. PCC for 1st step of L.H.S wall from Ch 0m to Ch 40m	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	7.51	Qty represents - 26.00 Cum.
			228.79	Kg/Cm ²			
			222.00	Kg/Cm ²			
		Average	225.77	Kg/Cm²			
12	Cement concrete cube of mix 1 : 2: 4 , cast on 02/01/2022. PCC for 1st step of R.H.S wall from Ch 0m to Ch 33m	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 22.00 Cum.
			215.20	Kg/Cm ²			
			210.67	Kg/Cm ²			
		Average	219.73	Kg/Cm²			

Junior Engineer

Assistant Engineer

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
13	Cement concrete cube of mix 1 : 2: 4 , cast on 03/01/2022. PCC for 2nd step of L.H.S wall from Ch 0m to Ch 40m	28 th day compressive strength	240.12	Kg/Cm ²	210.00 Kg/cm ²	16.86	Qty represents - 12.00 Cum.
			237.85	Kg/Cm ²			
			258.24	Kg/Cm ²			
		Average	245.40	Kg/Cm²			
14	Cement concrete cube of mix 1 : 2: 4 , cast on 03/01/2022. PCC for 2nd step of R.H.S wall from Ch 0m to Ch 33m	28 th day compressive strength	228.79	Kg/Cm ²	210.00 Kg/cm ²	3.55	Qty represents - 10.00 Cum.
			215.20	Kg/Cm ²			
			208.40	Kg/Cm ²			
		Average	217.47	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD I , WDVI , 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