

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 3158,3159,3164,3165,3170,3171,3184,3185,/ Lab /310/ 2021 - 22 Dated:- 23/ 02/2022. Laboratory : Bicholim - Goa.
3202,3203,3227,3228,3233 & 3234 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. /WRD/WDVI/SDI/478/20-21 Dt.:- 10/ 02/ 2022

Qty. Recived. : 14 Sets of cube Date of Receipt:- 10-02-2022. Tested on: -11,12,13,15,17,21 & 22/02/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix PCC 1:2:4 O.S No. :7632,7633,7639,7640,7645,7646,7663,7664,7687,7688,7721,7722,7729 & 7730/SS Lab. Sample No.: 2940 To 2953 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 14/01/2022. PCC for foundation of R.H.S wall from Ch 43m to Ch 55m	28 th day compressive strength	217.47	Ka/Cm ²	210.00 Kg/cm ²	13.98	Qty represents - 12.00 Cum.
			242.38	Ka/Cm ²			
			258.24	Kg/Cm ²			
		Average	239.36	Ka/Cm²			
2	Cement concrete cube of mix 1 : 2: 4 , cast on 14/01/2022. PCC for foundation of L.H.S wall from Ch 43m to Ch 55m	28 th day compressive strength	237.85	Ka/Cm ²	210.00 Kg/cm ²	16.14	Qty represents - 12.00 Cum.
			249.18	Ka/Cm ²			
			244.65	Kg/Cm ²			
		Average	243.89	Ka/Cm²			
3	Cement concrete cube of mix 1 : 2: 4 , cast on 15/01/2022. PCC for foundation of L.H.S wall from Ch 200m to Ch 220m	28 th day compressive strength	222.00	Ka/Cm ²	210.00 Kg/cm ²	8.95	Qty represents - 20.00 Cum.
			237.85	Ka/Cm ²			
			226.53	Kg/Cm ²			
		Average	228.79	Ka/Cm²			
4	Cement concrete cube of mix 1 : 2: 4 , cast on 15/01/2022. PCC for foundation of R.H.S wall from Ch 200m to Ch 220m	28 th day compressive strength	237.85	Ka/Cm ²	210.00 Kg/cm ²	11.11	Qty represents - 20.00 Cum.
			226.53	Ka/Cm ²			
			235.59	Kg/Cm ²			
		Average	233.32	Ka/Cm²			
5	Cement concrete cube of mix 1 : 2: 4 , cast on 16/01/2022. PCC for foundation of R.H.S wall from Ch 140m to Ch 160m	28 th day compressive strength	235.59	Ka/Cm ²	210.00 Kg/cm ²	11.82	Qty represents - 20.00 Cum.
			226.53	Ka/Cm ²			
			242.38	Kg/Cm ²			
		Average	234.83	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 16/01/2022. PCC for foundation of L.H.S wall from Ch 140m to Ch 160m	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	7.87	Qty represents - 20.00 Cum.
			226.53	Kg/Cm ²			
			217.47	Kg/Cm ²			
		Average	226.53	Kg/Cm²			
7	Cement concrete cube of mix 1 : 2: 4 , cast on 18/01/2022. PCC for 1st step of R.H.S wall from Ch 200m to Ch 220m	28 th day compressive strength	240.12	Kg/Cm ²	210.00 Kg/cm ²	15.06	Qty represents - 14.40 Cum.
			237.85	Kg/Cm ²			
			246.91	Kg/Cm ²			
		Average	241.63	Kg/Cm²			
8	Cement concrete cube of mix 1 : 2: 4 , cast on 18/01/2022. PCC for 1st step of L.H.S wall from Ch 200m to Ch 220m	28 th day compressive strength	246.91	Kg/Cm ²	210.00 Kg/cm ²	10.75	Qty represents - 14.40 Cum.
			226.53	Kg/Cm ²			
			224.26	Kg/Cm ²			
		Average	232.57	Kg/Cm²			
9	Cement concrete cube of mix 1 : 2: 4 , cast on 20/01/2022. PCC for 1st step of L.H.S wall from Ch 140m to Ch 160m	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	9.31	Qty represents - 14.40 Cum.
			235.59	Kg/Cm ²			
			244.65	Kg/Cm ²			
		Average	229.55	Kg/Cm²			
10	Cement concrete cube of mix 1 : 2: 4 , cast on 20/01/2022. PCC for 1st step of R.H.S wall from Ch 140m to Ch 160m	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ²	6.43	Qty represents - 14.40 Cum.
			237.85	Kg/Cm ²			
			219.73	Kg/Cm ²			
		Average	223.51	Kg/Cm²			
11	Cement concrete cube of mix 1 : 2: 4 , cast on 24/01/2022. PCC for foundation of R.H.S wall from Ch 220m to Ch 240m	28 th day compressive strength	210.67	Kg/Cm ²	210.00 Kg/cm ²	1.40	Qty represents - 20.00 Cum.
			215.20	Kg/Cm ²			
			212.93	Kg/Cm ²			
		Average	212.93	Kg/Cm²			
12	Cement concrete cube of mix 1 : 2: 4 , cast on 24/01/2022. PCC for foundation of L.H.S wall from Ch 220m to Ch 240m	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	1.04	Qty represents - 20.00 Cum.
			203.87	Kg/Cm ²			
			217.47	Kg/Cm ²			
		Average	212.18	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 25/01/2022. PCC for 1st step of L.H.S wall from Ch 40m to Ch 55m	28 th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ²	3.20	Qty represents - 12.00 Cum.
			208.40	Kg/Cm ²			
			217.47	Kg/Cm ²			
		Average	216.71	Kg/Cm²			
14	Cement concrete cube of mix 1 : 2: 4 , cast on 25/01/2022. PCC for 1st step of R.H.S wall from Ch 33m to Ch 55m	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 16.00 Cum.
			208.40	Kg/Cm ²			
			224.26	Kg/Cm ²			
		Average	219.73	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