

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 3095 to 3100,3103,3104,3109,3110/ Lab /293/ 2021 - 22 Dated:- 09/02/2022.
3115 to 3118

Laboratory : Bicholim - Goa.
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.236/WRD/WDVI/SDI/419/20-21 Dt.:- 11/ 01 /2022.

Qty. Received. : 14 Sets of cube Date of Receipt:- 14/ 01/ 2022. Tested on: - 01,02,03,04,05,06 & 07/02/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix PCC 1:2:4 O.S No. :7544,7545,7549,7550,7556,7557,7563,7564,7574,7575,7580,7581,7584 & 7585/SS Lab. Sample No.: 2696 To 2709 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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SR. NO	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 04/01/2022. For 1st step of L.H.S wall from Ch 55m to 80m	28 th day compressive strength	206.14	Ka/Cm ²	210.00 Kg/cm ²	3.20	Qty represents - 18.00 Cum.
			231.06	Ka/Cm ²			
			212.93	Kg/Cm ²			
		Average	216.71	Ka/Cm²			
2	Cement concrete cube of mix 1 : 2 :4 , cast on 04/01/2022. For 1st step of R.H.S wall from Ch 55m to 80m	28 th day compressive strength	219.73	Ka/Cm ²	210.00 Kg/cm ²	3.91	Qty represents - 18.00 Cum.
			226.53	Ka/Cm ²			
			208.40	Kg/Cm ²			
		Average	218.22	Ka/Cm²			
3	Cement concrete cube of mix 1 : 2 :4 , cast on 05/01/2022. For 1st step of L.H.S wall from Ch 80m to 100m	28 th day compressive strength	226.53	Ka/Cm ²	210.00 Kg/cm ²	4.99	Qty represents - 18.00 Cum.
			215.20	Ka/Cm ²			
			219.73	Kg/Cm ²			
		Average	220.49	Ka/Cm²			
4	Cement concrete cube of mix 1 : 2 :4 , cast on 05/01/2022. For 1st step of R.H.S wall from Ch 80m to 100m	28 th day compressive strength	219.73	Ka/Cm ²	210.00 Kg/cm ²	6.43	Qty represents - 18.00 Cum.
			237.85	Ka/Cm ²			
			212.93	Kg/Cm ²			
		Average	223.51	Ka/Cm²			
5	Cement concrete cube of mix 1 : 2 :4 , cast on 06/01/2022. For 2nd step of L.H.S wall from Ch 55m to 100m	28 th day compressive strength	203.87	Ka/Cm ²	210.00 Kg/cm ²	2.48	Qty represents - 14.00 Cum.
			215.20	Ka/Cm ²			
			226.53	Kg/Cm ²			
		Average	215.20	Ka/Cm²			
6	Cement concrete cube of mix 1 : 2 :4 , cast on 06/01/2022. For 2nd step of R.H.S wall from Ch 55m to 100m	28 th day compressive strength	215.20	Ka/Cm ²	210.00 Kg/cm ²	5.71	Qty represents - 14.00 Cum.
			224.26	Ka/Cm ²			
			226.53	Kg/Cm ²			
		Average	222.00	Ka/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
7	Cement concrete cube of mix 1 : 2 : 4 , cast on 07/01/2022. For foundation of L.H.S wall from Ch 120m to 140m	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	6.07	Qty represents - 20.00 Cum.
			222.00	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	222.75			
8	Cement concrete cube of mix 1 : 2 : 4 , cast on 07/01/2022. For foundation of R.H.S wall from Ch 120m to 140m	28 th day compressive strength	210.67	Kg/Cm ²	210.00 Kg/cm ²	3.55	Qty represents - 20.00 Cum.
			217.47	Kg/Cm ²			
			224.26	Kg/Cm ²			
			Average	217.47			
9	Cement concrete cube of mix 1 : 2 : 4 , cast on 08/01/2022. For foundation of L.H.S wall from Ch 180m to 200m	28 th day compressive strength	240.12	Kg/Cm ²	210.00 Kg/cm ²	4.27	Qty represents - 20.00 Cum.
			201.61	Kg/Cm ²			
			215.20	Kg/Cm ²			
			Average	218.98			
10	Cement concrete cube of mix 1 : 2 : 4 , cast on 08/01/2022. For foundation of R.H.S wall from Ch 180m to 200m	28 th day compressive strength	206.14	Kg/Cm ²	210.00 Kg/cm ²	5.35	Qty represents - 20.00 Cum.
			212.93	Kg/Cm ²			
			244.65	Kg/Cm ²			
			Average	221.24			
11	Cement concrete cube of mix 1 : 2 : 4 , cast on 09/01/2022. For 1st step of L.H.S wall from Ch 120m to 140m	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	3.91	Qty represents - 15.00 Cum.
			208.40	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	218.22			
12	Cement concrete cube of mix 1 : 2 : 4 , cast on 09/01/2022. For 1st step of R.H.S wall from Ch 120m to 140m	28 th day compressive strength	203.87	Kg/Cm ²	210.00 Kg/cm ²	4.99	Qty represents - 15.00 Cum.
			226.53	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	220.49			
13	Cement concrete cube of mix 1 : 2 : 4 , cast on 10/01/2022. For 1st step of L.H.S wall from Ch 180m to 200m	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	7.87	Qty represents - 15.00 Cum.
			226.53	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	226.53			
14	Cement concrete cube of mix 1 : 2 : 4 , cast on 10/01/2022. For 1st step of R.H.S wall from Ch 180m to 200m	28 th day compressive strength	222.00	Kg/Cm ²	210.00 Kg/cm ²	5.71	Qty represents - 15.00 Cum.
			217.47	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	222.00			

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