

**GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT**

Test Report No:WRD/QC/F.6-2/Cube-T-8523 To 8530,8532 To 8539,8546 To 8549,8556 To 8563, 8567 To 8574,8592 To 8599, 8611 To 8623 /Lab/ **411** /2019-20
28 / 01 / 2020

Dated :-

Laboratory : Bicholim -Goa

Sub Division V (QC)/WRD/ Bicholim -Goa.

Name of Work: - Improvement to the R.B.M.C. of T.I.P. by providing 100 mm thick RCC lining from Ch. 0.00 Kms To Ch, 6.020 Kms excluding Hassapur aqueduct and Kalna aqueduct between Ch.4.165 Kms To Ch. 4.227 Kms and Ch. 4.772 Kms To Ch. 5.117 Kms at Village Ankane, Hassapur and Hali in Pernem Taluka.

Ref. to Requisition No.: - SDI/WDVII/WRD /F.353/2019-20/ **297** Dated :- 31-12-2019 Ref to CPWD :2009, Vol. I

Qty. Recived. :56 Sets of cube Date of Receipt: - 02 / 01 / 2020. Tested on: - 19/01/2020 To 27/01/2020 as per due dates

Sample:RCC 1:1.5:3 Mix O.S No: 3075 To 3082/SS,1546 To 1553,1555 To 1558, 1562 To 1569,1575 To 1582,1594 To 1601,1605 To 1608,1610 To 1617/AF.

Lab. Sample No.: 7429 To 7484. Tested By: - Mrs, S.B. Naik Shirodkar. J.E. & Mr.Anil R. Fadte,J.E.

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SR. NO.	DISCRIPTION OF SAMPLE		RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 22 /12 / 2019, for RCC canal lining from Ch.3190.00 To Ch.3329.00(P-40) .	28 th day compressive strength	271.83	Kg/Cm ²	265.00 Kg/Cm ²	1.15	Qty represents - 80.00 Cum for four sets of cubes cast on 22/12/2019 .
			265.04	Kg/Cm ²			
			267.30	Kg/Cm ²			
			Average	268.06			
2	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 22 /12 / 2019, for RCC canal lining from Ch.3190.00 To Ch.3329.00(P-40) .	28 th day compressive strength	294.48	Kg/Cm ²	265.00 Kg/Cm ²	7.42	-do-
			287.69	Kg/Cm ²			
			271.83	Kg/Cm ²			
			Average	284.67			
3	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 22 /12 / 2019, for RCC canal lining from Ch.3190.00 To Ch.3329.00(P-40) .	28 th day compressive strength	258.24	Kg/Cm ²	265.00 Kg/Cm ²	1.44	-do-
			271.83	Kg/Cm ²			
			276.36	Kg/Cm ²			
			Average	268.81			
4	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 22 /12 / 2019, for RCC canal lining from Ch.3190.00 To Ch.3329.00(P-40) .	28 th day compressive strength	262.77	Kg/Cm ²	265.00 Kg/Cm ²	2.86	-do-
			276.36	Kg/Cm ²			
			278.63	Kg/Cm ²			
			Average	272.59			
5	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 22 /12 / 2019, for RCC canal lining from Ch.3190.00 To Ch.3329.00(P-40) .	28 th day compressive strength	294.48	Kg/Cm ³	265.00 Kg/Cm ²	12.55	-do-
			317.14	Kg/Cm ³			
			283.16	Kg/Cm ²			
			Average	298.26			
6	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 22 /12 / 2019, for RCC canal lining from Ch.3190.00 To Ch.3329.00(P-40) .	28 th day compressive strength	262.77	Kg/Cm ²	265.00 Kg/Cm ²	3.43	-do-
			269.57	Kg/Cm ²			
			289.95	Kg/Cm ²			
			Average	274.10			

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	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 22 /12 / 2019, for RCC canal lining from Ch.3190.00 To Ch.3329.00(P-40) .	28th day compressive strength	253.71	Kg/Cm ³	265.00 Kg/Cm ²	4.29	Qty represents - 80.00 Cum for four sets of cubes cast on 22/12/2019 .
			292.22	Kg/Cm ³			
			283.16	Kg/Cm ²			
			Average	276.36			
8	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 22 /12 / 2019, for RCC canal lining from Ch.3190.00 To Ch.3329.00(P-40) .	28 th day compressive strength	305.81	Kg/Cm ²	265.00 Kg/Cm ²	10.56	-do-
			289.95	Kg/Cm ²			
			283.16	Kg/Cm ²			
			Average	292.97			
9	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 23 / 12 / 2019, for RCC canal lining from Ch.3329.00 to 3468.00(P-41) .	28 th day compressive strength	344.32	Kg/Cm ²	265.00 Kg/Cm ²	13.98	Qty represents - 160.00 Cum for eight sets of cubes cast on 23/12/2019 .
			269.57	Kg/Cm ²			
			292.22	Kg/Cm ²			
			Average	302.03			
10	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 23 / 12 / 2019, for RCC canal lining from Ch.3329.00 to 3468.00(P-41) .	28 th day compressive strength	267.30	Kg/Cm ²	265.00 Kg/Cm ²	7.99	-do-
			280.89	Kg/Cm ²			
			310.34	Kg/Cm ²			
			Average	286.18			
11	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 23 / 12 / 2019, for RCC canal lining from Ch.3329.00 to 3468.00(P-41) .	28 th day compressive strength	280.89	Kg/Cm ²	265.00 Kg/Cm ²	5.71	-do-
			267.30	Kg/Cm ²			
			292.22	Kg/Cm ²			
			Average	280.14			
12	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 23 / 12 / 2019, for RCC canal lining from Ch.3329.00 to 3468.00(P-41) .	28 th day compressive strength	305.81	Kg/Cm ²	265.00 Kg/Cm ²	8.28	-do-
			267.30	Kg/Cm ²			
			287.69	Kg/Cm ²			
			Average	286.93			
13	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 23 / 12 / 2019, for RCC canal lining from Ch.3329.00 to 3468.00(P-41) .	28th day compressive strength	271.83	Kg/Cm ³	265.00 Kg/Cm ²	7.14	-do-
			265.04	Kg/Cm ³			
			314.87	Kg/Cm ²			
			Average	283.91			

Junior Engineer

Assistant Engineer

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SR.NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
14	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 23 / 12 / 2019, for RCC canal lining from Ch.3329.00 to 3468.00(P-41) .	28 th day compressive strength	296.75	Kg/Cm ²	265.00 Kg/Cm ²	7.14	Qty represents - 160.00 Cum for eight sets of cubes cast on 23/12/2019 .
			287.69	Kg/Cm ²			
			267.30	Kg/Cm ²			
		Average	283.91	Kg/Cm²			
15	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 23 / 12 / 2019, for RCC canal lining from Ch.3329.00 to 3468.00(P-41) .	28 th day compressive strength	283.16	Kg/Cm ²	265.00 Kg/Cm ²	6.28	-do-
			269.57	Kg/Cm ²			
			292.22	Kg/Cm ²			
		Average	281.65	Kg/Cm²			
16	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 23 / 12 / 2019, for RCC canal lining from Ch.3329.00 to 3468.00(P-41) .	28 th day compressive strength	280.89	Kg/Cm ²	265.00 Kg/Cm ²	16.82	-do-
			312.61	Kg/Cm ²			
			335.26	Kg/Cm ²			
		Average	309.59	Kg/Cm²			
17	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 24 / 12 / 2019, for RCC canal lining from Ch.3468.00 to Ch. 3538.5.00(P-42) .	28 th day compressive strength	271.83	Kg/Cm ²	265.00 Kg/Cm ²	9.99	Qty represents - 80.00 Cum for four sets of cubes cast on 24/12/2019 .
			308.08	Kg/Cm ²			
			294.48	Kg/Cm ²			
		Average	291.46	Kg/Cm²			
18	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 24 / 12 / 2019, for RCC canal lining from Ch.3468.00 to Ch. 3538.5.00(P-42) .	28 th day compressive strength	283.16	Kg/Cm ²	265.00 Kg/Cm ²	4.57	-do-
			271.83	Kg/Cm ²			
			276.36	Kg/Cm ²			
		Average	277.12	Kg/Cm²			
19	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 24 / 12 / 2019, for RCC canal lining from Ch.3468.00 to Ch. 3538.5.00(P-42) .	28 th day compressive strength	274.10	Kg/Cm ²	265.00 Kg/Cm ²	2.86	-do-
			280.89	Kg/Cm ²			
			262.77	Kg/Cm ²			
		Average	272.59	Kg/Cm²			
20	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 24 / 12 / 2019, for RCC canal lining from Ch.3468.00 to Ch. 3538.5.00(P-42) .	28 th day compressive strength	278.63	Kg/Cm ²	265.00 Kg/Cm ²	3.72	-do-
			285.42	Kg/Cm ²			
			260.51	Kg/Cm ²			
		Average	274.85	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
21	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 25 / 12 / 2019, for RCC canal lining from Ch.3538.50 To Ch. 3677.50 (P-43) .	28 th day compressive strength	299.01	Kg/Cm ²	265.00 Kg/Cm ²	17.39	Qty represents - 160.00 Cum for eight sets of cubes cast on 25/12/2019 .
			321.67	Kg/Cm ²			
			312.61	Kg/Cm ²			
		Average	311.10	Kg/Cm²			
22	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 25 / 12 / 2019, for RCC canal lining from Ch.3538.50 To Ch. 3677.50 (P-43) .	28 th day compressive strength	265.04	Kg/Cm ²	265.00 Kg/Cm ²	2.58	-do-
			278.63	Kg/Cm ²			
			271.83	Kg/Cm ²			
		Average	271.83	Kg/Cm²			
23	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 25 / 12 / 2019, for RCC canal lining from Ch.3538.50 To Ch. 3677.50 (P-43) .	28 th day compressive strength	285.42	Kg/Cm ²	265.00 Kg/Cm ²	14.83	-do-
			308.08	Kg/Cm ²			
			319.40	Kg/Cm ²			
		Average	304.30	Kg/Cm²			
24	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 25 / 12 / 2019, for RCC canal lining from Ch.3538.50 To Ch. 3677.50 (P-43) .	28 th day compressive strength	328.46	Kg/Cm ²	265.00 Kg/Cm ²	13.12	-do-
			278.63	Kg/Cm ²			
			292.22	Kg/Cm ²			
		Average	299.77	Kg/Cm²			
25	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 25 / 12 / 2019, for RCC canal lining from Ch.3538.50 To Ch. 3677.50 (P-43) .	28 th day compressive strength	289.95	Kg/Cm ²	265.00 Kg/Cm ²	7.71	-do-
			267.30	Kg/Cm ²			
			299.01	Kg/Cm ²			
		Average	285.42	Kg/Cm²			
26	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 25 / 12 / 2019, for RCC canal lining from Ch.3538.50 To Ch. 3677.50 (P-43) .	28 th day compressive strength	328.46	Kg/Cm ²	265.00 Kg/Cm ²	27.08	-do-
			344.32	Kg/Cm ²			
			337.52	Kg/Cm ²			
		Average	336.77	Kg/Cm²			
27	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 25 / 12 / 2019, for RCC canal lining from Ch.3538.50 To Ch. 3677.50 (P-43) .	28 th day compressive strength	326.20	Kg/Cm ²	265.00 Kg/Cm ²	16.82	-do-
			267.30	Kg/Cm ²			
			335.26	Kg/Cm ²			
		Average	309.59	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
28	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 25 / 12 / 2019, for RCC canal lining from Ch.3538.50 To Ch. 3677.50 (P-43) .	28 th day compressive strength	308.08	Kg/Cm ²	265.00 Kg/Cm ²	22.81	Qty represents - 160.00 Cum for eight sets of cubes cast on 25/12/2019 .
			339.79	Kg/Cm ²			
			328.46	Kg/Cm ²			
		Average	325.44	Kg/Cm²			
29	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 26 / 12 / 2019, for RCC canal lining from Ch.3677.50 To Ch. 3816.50 (P-44) .	28 th day compressive strength	265.04	Kg/Cm ²	265.00 Kg/Cm ²	13.98	Qty represents - 160.00 Cum for eight sets of cubes cast on 26/12/2019 .
			344.32	Kg/Cm ²			
			296.75	Kg/Cm ²			
		Average	302.03	Kg/Cm²			
30	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 26 / 12 / 2019, for RCC canal lining from Ch.3677.50 To Ch. 3816.50 (P-44) .	28 th day compressive strength	285.42	Kg/Cm ²	265.00 Kg/Cm ²	6.00	-do-
			265.04	Kg/Cm ²			
			292.22	Kg/Cm ²			
		Average	280.89	Kg/Cm²			
31	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 26 / 12 / 2019, for RCC canal lining from Ch.3677.50 To Ch. 3816.50 (P-44) .	28 th day compressive strength	344.32	Kg/Cm ²	265.00 Kg/Cm ²	19.39	-do-
			289.95	Kg/Cm ²			
			314.87	Kg/Cm ²			
		Average	316.38	Kg/Cm²			
32	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 26 / 12 / 2019, for RCC canal lining from Ch.3677.50 To Ch. 3816.50 (P-44) .	28 th day compressive strength	303.55	Kg/Cm ²	265.00 Kg/Cm ²	14.83	-do-
			296.75	Kg/Cm ²			
			312.61	Kg/Cm ²			
		Average	304.30	Kg/Cm²			
33	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 26 / 12 / 2019, for RCC canal lining from Ch.3677.50 To Ch. 3816.50 (P-44) .	28 th day compressive strength	305.81	Kg/Cm ²	265.00 Kg/Cm ²	15.69	-do-
			319.40	Kg/Cm ²			
			294.48	Kg/Cm ²			
		Average	306.57	Kg/Cm²			
34	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 26 / 12 / 2019, for RCC canal lining from Ch.3677.50 To Ch. 3816.50 (P-44) .	28 th day compressive strength	278.63	Kg/Cm ²	265.00 Kg/Cm ²	6.85	-do-
			280.89	Kg/Cm ²			
			289.95	Kg/Cm ²			
		Average	283.16	Kg/Cm²			

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SR.NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
35	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 26 / 12 / 2019, for RCC canal lining from Ch.3677.50 To Ch. 3816.50 (P-44) .	28 th day compressive strength	271.83	Kg/Cm ²	265.00 Kg/Cm ²	15.69	Qty represents - 160.00 Cum for eight sets of cubes cast on 26/12/2019 .
			312.61	Kg/Cm ²			
			335.26	Kg/Cm ²			
		Average	306.57	Kg/Cm²			
36	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 26 / 12 / 2019, for RCC canal lining from Ch.3677.50 To Ch. 3816.50 (P-44) .	28 th day compressive strength	321.67	Kg/Cm ²	265.00 Kg/Cm ²	16.25	-do-
			292.22	Kg/Cm ²			
			310.34	Kg/Cm ²			
		Average	308.08	Kg/Cm²			
37	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 28 / 12 / 2019, for RCC canal lining from Ch.3816.50 To Ch. 3955.50 (P-45) .	28 th day compressive strength	342.05	Kg/Cm ²	265.00 Kg/Cm ²	23.66	Qty represents - 160.00 Cum for eight sets of cubes cast on 28/12/2019 .
			326.20	Kg/Cm ²			
			314.87	Kg/Cm ²			
		Average	327.71	Kg/Cm²			
38	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 28 / 12 / 2019, for RCC canal lining from Ch.3816.50 To Ch. 3955.50 (P-45) .	28 th day compressive strength	280.89	Kg/Cm ²	265.00 Kg/Cm ²	9.42	-do-
			262.77	Kg/Cm ²			
			326.20	Kg/Cm ²			
		Average	289.95	Kg/Cm²			
39	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 28 / 12 / 2019, for RCC canal lining from Ch.3816.50 To Ch. 3955.50 (P-45) .	28 th day compressive strength	262.77	Kg/Cm ²	265.00 Kg/Cm ²	2.01	-do-
			278.63	Kg/Cm ²			
			269.57	Kg/Cm ²			
		Average	270.32	Kg/Cm²			
40	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 28 / 12 / 2019, for RCC canal lining from Ch.3816.50 To Ch. 3955.50 (P-45) .	28 th day compressive strength	283.16	Kg/Cm ²	265.00 Kg/Cm ²	3.15	-do-
			265.04	Kg/Cm ²			
			271.83	Kg/Cm ²			
		Average	273.34	Kg/Cm²			
41	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 28 / 12 / 2019, for RCC canal lining from Ch.3816.50 To Ch. 3955.50 (P-45) .	28 th day compressive strength	344.32	Kg/Cm ²	265.00 Kg/Cm ²	27.08	-do-
			328.46	Kg/Cm ²			
			337.52	Kg/Cm ²			
		Average	336.77	Kg/Cm²			

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SR.NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
42	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 28 / 12 / 2019, for RCC canal lining from Ch.3816.50 To Ch. 3955.50 (P-45) .	28 th day compressive strength	292.22	Kg/Cm ²	265.00 Kg/Cm ²	13.98	Qty represents - 160.00 Cum for eight sets of cubes cast on 28/12/2019 .
			276.36	Kg/Cm ²			
			337.52	Kg/Cm ²			
		Average	302.03	Kg/Cm²			
43	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 28 / 12 / 2019, for RCC canal lining from Ch.3816.50 To Ch. 3955.50 (P-45) .	28 th day compressive strength	305.81	Kg/Cm ²	265.00 Kg/Cm ²	17.11	-do-
			337.52	Kg/Cm ²			
			287.69	Kg/Cm ²			
		Average	310.34	Kg/Cm²			
44	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 28 / 12 / 2019, for RCC canal lining from Ch.3816.50 To Ch. 3955.50 (P-45) .	28 th day compressive strength	342.05	Kg/Cm ²	265.00 Kg/Cm ²	28.51	-do-
			344.32	Kg/Cm ²			
			335.26	Kg/Cm ²			
		Average	340.54	Kg/Cm²			
45	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 29/ 12 / 2019, for RCC canal lining from Ch.3955.50 To Ch. 4026.00 (P-46) .	28 th day compressive strength	262.77	Kg/Cm ²	265.00 Kg/Cm ²	6.85	Qty represents - 80.00 Cum for four sets of cubes cast on 29/12/2019 .
			280.89	Kg/Cm ²			
			305.81	Kg/Cm ²			
		Average	283.16	Kg/Cm²			
46	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 29/ 12 / 2019, for RCC canal lining from Ch.3955.50 To Ch. 4026.00 (P-46) .	28 th day compressive strength	260.51	Kg/Cm ²	265.00 Kg/Cm ²	2.29	-do-
			269.57	Kg/Cm ²			
			283.16	Kg/Cm ²			
		Average	271.08	Kg/Cm²			
47	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 29/ 12 / 2019, for RCC canal lining from Ch.3955.50 To Ch. 4026.00 (P-46) .	28 th day compressive strength	274.10	Kg/Cm ²	265.00 Kg/Cm ²	1.44	-do-
			267.30	Kg/Cm ²			
			265.04	Kg/Cm ²			
		Average	268.81	Kg/Cm²			
48	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 29/ 12 / 2019, for RCC canal lining from Ch.3955.50 To Ch. 4026.00 (P-46) .	28 th day compressive strength	332.99	Kg/Cm ²	265.00 Kg/Cm ²	27.65	-do-
			337.52	Kg/Cm ²			
			344.32	Kg/Cm ²			
		Average	338.28	Kg/Cm²			

Junior Engineer

Assistant Engineer

SR.NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
49	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 30 / 12 / 2019, for RCC canal lining from Ch.4026.00 To Ch. 4165.00 (P-47) .	28 th day compressive strength	292.22	Kg/Cm ²	265.00 Kg/Cm ²	15.97	Qty represents - 160.00 Cum for eight sets of cubes cast on 30/12/2019 .
			305.81	Kg/Cm ²			
			323.93	Kg/Cm ²			
		Average	307.32	Kg/Cm²			
50	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 30 / 12 / 2019, for RCC canal lining from Ch.4026.00 To Ch. 4165.00 (P-47) .	28 th day compressive strength	308.08	Kg/Cm ²	265.00 Kg/Cm ²	17.39	-do-
			303.55	Kg/Cm ²			
			321.67	Kg/Cm ²			
		Average	311.10	Kg/Cm²			
51	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 30 / 12 / 2019, for RCC canal lining from Ch.4026.00 To Ch. 4165.00 (P-47) .	28 th day compressive strength	262.77	Kg/Cm ²	265.00 Kg/Cm ²	11.98	-do-
			344.32	Kg/Cm ²			
			283.16	Kg/Cm ²			
		Average	296.75	Kg/Cm²			
52	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 30 / 12 / 2019, for RCC canal lining from Ch.4026.00 To Ch. 4165.00 (P-47) .	28 th day compressive strength	344.32	Kg/Cm ²	265.00 Kg/Cm ²	25.09	-do-
			335.26	Kg/Cm ²			
			314.87	Kg/Cm ²			
		Average	331.48	Kg/Cm²			
53	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 30 / 12 / 2019, for RCC canal lining from Ch.4026.00 To Ch. 4165.00 (P-47) .	28 th day compressive strength	317.14	Kg/Cm ²	265.00 Kg/Cm ²	11.13	-do-
			280.89	Kg/Cm ²			
			285.42	Kg/Cm ²			
		Average	294.48	Kg/Cm²			

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SR.NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
54	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 30 / 12 / 2019, for RCC canal lining from Ch.4026.00 To Ch. 4165.00 (P-47) .	28 th day compressive strength	337.52	Kg/Cm ²	265.00 Kg/Cm ²	19.39	Qty represents - 160.00 Cum for eight sets of cubes cast on 30/12/2019 .
			271.83	Kg/Cm ²			
			339.79	Kg/Cm ²			
		Average	316.38	Kg/Cm²			
55	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 30 / 12 / 2019, for RCC canal lining from Ch.4026.00 To Ch. 4165.00 (P-47) .	28 th day compressive strength	289.95	Kg/Cm ²	265.00 Kg/Cm ²	19.67	-do-
			328.46	Kg/Cm ²			
			332.99	Kg/Cm ²			
		Average	317.14	Kg/Cm²			
56	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 30 / 12 / 2019, for RCC canal lining from Ch.4026.00 To Ch. 4165.00 (P-47) .	28 th day compressive strength	305.81	Kg/Cm ²	265.00 Kg/Cm ²	18.82	-do-
			337.52	Kg/Cm ²			
			301.28	Kg/Cm ²			
		Average	314.87	Kg/Cm²			

Copy to: 1. The Assistant Engineer SD I , WD VII , WRD , Dhargal -Pernem- Goa.

2. Copy submitted to the Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa. For kind Information.

3. Copy submitted to the Executive Engineer ,WDVII,WRD , Dhargal - Pernem- Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer