

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7839 To 7842, 7849 To 7852, 7854 To 7857,7863,7864 / Lab / **262** / 2019 - 20 Dated:- 27/ 07 / 2019 Laboratory :
Bicholim - Goa.

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

Name of work : Construction of Pilgao Narve Distributory of LBMC of TIP from Ch. 8670 m. to Ch. 10725 m. at Narve Village in Bicholim Taluka.(Balance work)

Ref. to Requisition No.: WRD /WD VIII / SD II / F.160-1 /2019-20/54 dated :-11 / 07 / 2019.

Qty. Recived. : 14 Sets of cube Date of Receipt:- 15/ 07 / 2019. Tested on: - 20/07/2019 To 27/07/2019 as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube Mix 1:1.5:3 O.S No. : 2651 To 2654, 2661 To 2664 /SS, 1055 To 1058,1062,1063/AF. Lab. Sample No.: 6666 To 6679

Tested By: Mrs. S.B. Naik Shirodkar. J.E. & Mr. Anil R. Fadte JE

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Cement concrete cubes of mix 1 : 1.5 : 3 , cast on 22/06/2019.	28 th day compressive strength	283.16	Kg/Cm ²	265.00 Kg/cm ²	5.71	1.Quantity represented is not mentioned. 2.Exact location of work and whether it is PCC or RCC is not specified.
			280.89	Kg/Cm ²			
			276.36	Kg/Cm ²			
		Average	280.14	Kg/Cm²			
2	Cement concrete cubes of mix 1 : 1.5 : 3 , cast on 22/06/2019.	28 th day compressive strength	276.36	Kg/Cm ²	265.00 Kg/cm ²	3.43	-do-
			262.77	Kg/Cm ²			
			283.16	Kg/Cm ²			
		Average	274.10	Kg/Cm²			
3	Cement concrete cubes of mix 1 : 1.5 : 3 , cast on 22/06/2019.	28 th day compressive strength	260.51	Kg/Cm ²	265.00 Kg/cm ²	4.57	-do-
			280.89	Kg/Cm ²			
			289.95	Kg/Cm ²			
		Average	277.12	Kg/Cm²			
4	Cement concrete cubes of mix 1 : 1.5 : 3 , cast on 22/06/2019.	28 th day compressive strength	285.42	Kg/Cm ²	265.00 Kg/cm ²	5.14	-do-
			271.83	Kg/Cm ²			
			278.63	Kg/Cm ²			
		Average	278.63	Kg/Cm²			
5	Cement concrete cubes of mix 1 : 1.5 : 3 , cast on 24/06/2019.	28 th day compressive strength	280.89	Kg/Cm ²	265.00 Kg/cm ²	7.14	-do-
			294.48	Kg/Cm ²			
			276.36	Kg/Cm ²			
		Average	283.91	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
6	Cement concrete cubes of mix 1 : 1.5 : 3 , cast on 24/06/2019.	28 th day compressive strength	303.55	Kg/Cm ²	265.00 Kg/cm ²	10.56	1.Quantity represented is not mentioned. 2.Exact location of work and whether it is PCC or RCC is not specified.
			292.22	Kg/Cm ²			
			283.16	Kg/Cm ²			
		Average	292.97	Kg/Cm²			
7	Cement concrete cubes of mix 1 : 1.5 : 3 , cast on 24/06/2019.	28 th day compressive strength	317.14	Kg/Cm ²	265.00 Kg/cm ²	8.85	-do-
			285.42	Kg/Cm ²			
			262.77	Kg/Cm ²			
		Average	288.44	Kg/Cm²			
8	Cement concrete cubes of mix 1 : 1.5 : 3 , cast on 24/06/2019.	28 th day compressive strength	308.08	Kg/Cm ²	265.00 Kg/cm ²	11.98	-do-
			301.28	Kg/Cm ²			
			280.89	Kg/Cm ²			
		Average	296.75	Kg/Cm²			
9	Cement concrete cubes of mix 1 : 1.5 : 3 , cast on 25/06/2019.	28 th day compressive strength	294.48	Kg/Cm ²	265.00 Kg/cm ²	9.70	-do-
			271.83	Kg/Cm ²			
			305.81	Kg/Cm ²			
		Average	290.71	Kg/Cm²			
10	Cement concrete cubes of mix 1 : 1.5 : 3 , cast on 25/06/2019.	28 th day compressive strength	319.40	Kg/Cm ²	265.00 Kg/cm ²	22.81	-do-
			323.93	Kg/Cm ²			
			332.99	Kg/Cm ²			
		Average	325.44	Kg/Cm²			
11	Cement concrete cubes of mix 1 : 1.5 : 3 , cast on 25/06/2019.	28 th day compressive strength	317.14	Kg/Cm ²	265.00 Kg/cm ²	13.69	-do-
			283.16	Kg/Cm ²			
			303.55	Kg/Cm ²			
		Average	301.28	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
12	Cement concrete cubes of mix 1 : 1.5 : 3 , cast on 25/06/2019.	28 th day compressive strength	265.04	Kg/Cm ²	265.00 Kg/cm ²	12.84	1.Quantity represented is not mentioned. 2.Exact location of work and whether it is PCC or RCC is not specified.
			337.52	Kg/Cm ²			
			294.48	Kg/Cm ²			
		Average	299.01	Kg/Cm²			
13	Cement concrete cubes of mix 1 : 1.5 : 3 , cast on 26/06/2019.	28 th day compressive strength	260.51	Kg/Cm ²	265.00 Kg/cm ²	1.15	-do-
			267.30	Kg/Cm ²			
			276.36	Kg/Cm ²			
		Average	268.06	Kg/Cm²			
14	Cement concrete cubes of mix 1 : 1.5 : 3 , cast on 26/06/2019.	28 th day compressive strength	271.83	Kg/Cm ²	265.00 Kg/cm ²	2.86	-do-
			262.77	Kg/Cm ²			
			283.16	Kg/Cm ²			
		Average	272.59	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SDII , WD VIII, WRD, Tivim, Bardez - 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 VIII ,WRD, Karaswada -Bardez - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer