

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 3615,3616,3628,3629,3650,3651,3670,/ Lab / **09** / 2022 - 23 Dated:-04/04/2022. Laboratory : Bicholim - Goa.
3671,3717 & 3502. Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of Pilgao-Narva Distributory of LBMC of T.I.P from Ch.8670m to Ch.10725m at Narve village in Bicholim Taluka.(Balance Work)

Ref. to Requisition No.: SDII/WDVIII/WRD/F.160-1/2021-22/147 Dated :- 25/03/ 2022.

Qty. Received. : 10 Sets of cube Date of Receipt:- 25/ 03 / 2022. Tested on: 26,27,28,29 &31/03/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix CC 1:2:4 O.S No. :300,301,314,315,337,338,357,358,404 & 405/R.K , Lab. Sample No.: 3493 to 3502 Tested By: Mrs. R.R.Kadam A.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 26/02/2022. For Toe wall nr temple bed PCC.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 41.00 Cum for two sets of cubes.
			224.26	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
2	Cement concrete cube of mix 1:2:4, cast on 26/02/2022. For Toe wall nr temple bed PCC.	28 th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ²	3.20	----- do -----
			208.40	Kg/Cm ²			
			217.47	Kg/Cm ²			
		Average	216.71	Kg/Cm²			
3	Cement concrete cube of mix 1:2:4, cast on 27/02/2022. For Toe wall nr temple bed PCC/wall PCC.	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	7.15	Qty represents - 45.00 Cum for two sets of cubes.
			231.06	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	225.02	Kg/Cm²			
4	Cement concrete cube of mix 1:2:4, cast on 27/02/2022. For Toe wall nr temple bed PCC/wall PCC.	28 th day compressive strength	222.00	Kg/Cm ²	210.00 Kg/cm ²	2.48	----- do -----
			208.40	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	215.20	Kg/Cm²			
5	Cement concrete cube of mix 1:2:4, cast on 28/02/2022. For Toe wall nr temple	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	5.35	Qty represents - 43.00 Cum for two sets of cubes.
			235.59	Kg/Cm ²			
			210.67	Kg/Cm ²			
		Average	221.24	Kg/Cm²			
6	Cement concrete cube of mix 1:2:4, cast on 28/02/2022. For Toe wall nr temple	28 th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ²	6.79	----- do -----
			226.53	Kg/Cm ²			
			222.00	Kg/Cm ²			
		Average	224.26	Kg/Cm²			

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 01/03/2022. For Toe wall nr temple	28 th day	228.79	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 42.00 Cum for two sets of cubes.
		compressive	208.40	Kg/Cm ²			
		strenath	222.00	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
8	Cement concrete cube of mix 1:2:4, cast on 01/03/2022. For Toe wall nr temple	28 th day	233.32	Kg/Cm ²	210.00 Kg/cm ²	6.07	----- do -----
		compressive	219.73	Kg/Cm ²			
		strenath	215.20	Kg/Cm ²			
		Average	222.75	Kg/Cm²			
9	Cement concrete cube of mix 1:2:4, cast on 03/03/2022. For Toe wall nr temple	28 th day	237.85	Kg/Cm ²	210.00 Kg/cm ²	9.31	Qty represents - 45.00 Cum for two sets of cubes.
		compressive	222.00	Kg/Cm ²			
		strenath	228.79	Kg/Cm ²			
		Average	229.55	Kg/Cm²			
10	Cement concrete cube of mix 1:2:4, cast on 03/03/2022. For Toe wall nr temple	28 th day	226.53	Kg/Cm ²	210.00 Kg/cm ²	11.47	----- do -----
		compressive	244.65	Kg/Cm ²			
		strenath	231.06	Kg/Cm ²			
		Average	234.08	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD II , 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.

Assistant Engineer