

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 3743,3744,3764,3765,3795 & 3796/ Lab / 18 / 2022 - 23 Dated:- 11/04/2022.

Laboratory : Bicholim - Goa.

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.160/2021-22/147 Dated :- 25/03/ 2022.

Qty. Recived. : 06 Sets of cube Date of Receipt:- 25/ 03 / 2022. Tested on: 01,02 & 04/04/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix CC 1:2:4 O.S No. :430,431,451 & 452/R.K. ,7989 & 7990/SS Lab. Sample No.: 3503 to 3508 Tested By: Mrs. R. R. Kadam A.E. & 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 04/03/2022. For M.S pipe encasing Ch. 10.715km to ch. 10.700km.	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ²	3.91	Qty represents - 48.00 Cum for two sets of cubes.
			219.73	Kg/Cm ²			
			222.00	Kg/Cm ²			
			Average	218.22			
2	Cement concrete cube of mix 1:2:4, cast on 04/03/2022. For M.S pipe encasing Ch. 10.715km to ch. 10.700km.	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	4.99	----- do -----
			215.20	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	220.49			
3	Cement concrete cube of mix 1:2:4, cast on 05/03/2022. For M.S pipe encasing Ch. 10.700km to ch. 10.685km.	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	1.76	Qty represents - 49.00 Cum for two sets of cubes.
			210.67	Kg/Cm ²			
			212.93	Kg/Cm ²			
			Average	213.69			
4	Cement concrete cube of mix 1:2:4, cast on 05/03/2022. For M.S pipe encasing Ch. 10.700km to ch. 10.685km.	28 th day compressive strength	210.67	Kg/Cm ²	210.00 Kg/cm ²	4.63	----- do -----
			222.00	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	219.73			

Junior Engineer

Assistant Engineer

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SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Cement concrete cube of mix 1:2:4, cast on 07/03/2022. For M.S pipe encasing Ch. 10.685km to ch. 10.670km.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 47.00 Cum for two sets of cubes.
			212.93	Kg/Cm ²			
			210.67	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
6	Cement concrete cube of mix 1:2:4, cast on 07/03/2022. For M.S pipe encasing Ch. 10.685km to ch. 10.670km.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	6.79	----- do -----
			222.00	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	224.26	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.

Junior Engineer

Assistant Engineer