

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 3007,3008,3024,3025,3050,3051,/ Lab / **278** / 2021 - 22 Dated:- 02/02/2022. Laboratory : Bicholim - Goa.
3069,3070,3081 & 3082 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.160/2020-21/128 Dated :- 16/01/ 2022.

Qty. Recived. : 10 Sets of cube Date of Receipt:- 19/ 01 / 2022. Tested on: 20,21,25,27 & 28/01/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix CC 1:2:4 O.S No. :7418,7419,7435,7436,7473,7474,7498,7499,7516 & 7517/SS Lab. Sample No.: 2771 to 2780 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 CC 1:2:4 , cast on 23/12/2021. For Lining Ch.9660 to ch.9735	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 35.00 Cum for two sets of cubes.
			215.20	Kg/Cm ²			
			235.59	Kg/Cm ²			
			Average	219.73			
2	Cement concrete cube of mix CC 1:2:4 , cast on 23/12/2021. For Lining Ch.9660 to ch.9735	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/cm ²	6.79	----- do -----
			203.87	Kg/Cm ²			
			235.59	Kg/Cm ²			
			Average	224.26			
3	Cement concrete cube of mix CC 1:2:4 , cast on 24/12/2021. For Lining Ch.9735 to ch.9810	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	5.35	Qty represents - 36.00 Cum for two sets of cubes.
			237.85	Kg/Cm ²			
			217.47	Kg/Cm ²			
			Average	221.24			
4	Cement concrete cube of mix CC 1:2:4 , cast on 24/12/2021. For Lining Ch.9735 to ch.9810	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	9.31	----- do -----
			240.12	Kg/Cm ²			
			233.32	Kg/Cm ²			
			Average	229.55			
5	Cement concrete cube of mix CC 1:2:4 , cast on 28/12/2021. For Lining Ch.9810 to ch.9885	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	3.91	Qty represents - 34.00 Cum for two sets of cubes.
			210.67	Kg/Cm ²			
			217.47	Kg/Cm ²			
			Average	218.22			
6	Cement concrete cube of mix CC 1:2:4 , cast on 28/12/2021. For Lining Ch.9810 to ch.9885	28 th day compressive strength	249.18	Kg/Cm ²	210.00 Kg/cm ²	11.11	----- do -----
			237.85	Kg/Cm ²			
			212.93	Kg/Cm ²			
			Average	233.32			

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 CC 1:2:4 , cast on 30/12/2021. For Lining Ch.9885 to ch.9960	28 th day compressive strenath	260.51	Kg/Cm ²	210.00 Kg/cm ²	15.06	Qty represents - 35.00 Cum for two sets of cubes.
			237.85	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	241.63			
8	Cement concrete cube of mix CC 1:2:4 , cast on 30/12/2021. For Lining Ch.9885 to ch.9960	28 th day compressive strenath	240.12	Kg/Cm ²	210.00 Kg/cm ²	11.47	----- do -----
			235.59	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	234.08			
9	Cement concrete cube of mix CC 1:2:4 , cast on 31/12/2021. For Lining Ch.9960 to ch.10035	28 th day compressive strenath	253.71	Kg/Cm ²	210.00 Kg/cm ²	17.58	Qty represents - 36.00 Cum for two sets of cubes.
			249.18	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	246.91			
10	Cement concrete cube of mix CC 1:2:4 , cast on 31/12/2021. For Lining Ch.9960 to ch.10035	28 th day compressive strenath	246.91	Kg/Cm ²	210.00 Kg/cm ²	12.54	----- do -----
			226.53	Kg/Cm ²			
			235.59	Kg/Cm ²			
			Average	236.34			

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