

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 3318,3319,3331,3332,3340 & 3341,/ Lab / **324** / 2021 - 22 Dated:- 07/03/2022. 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.160-1/2021-22/137 Dated :- 01/03/ 2022.

Qty. Received. : 06 Sets of cube Date of Receipt:- 02/ 03 / 2022. Tested on: 03,04 & 05/03/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix CC 1:2:4 O.S No. :153 & 154/R.K , 7802,7803,7813 & 7814/SS Lab. Sample No.: 3145 to 3150 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 permissable	% above or below	REMARK
1	Cement concrete cube of mix CC 1:2:4 , cast on 03/02/2022. For Lining Ch.10335m to ch.10110m.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	13.26	Qty represents - 36.00 Cum for two sets of cubes.
			246.91	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	237.85			
2	Cement concrete cube of mix CC 1:2:4 , cast on 03/02/2022. For Lining Ch.10335m to ch.10110m.	28 th day compressive strength	246.91	Kg/Cm ²	210.00 Kg/cm ²	19.74	----- do -----
			258.24	Kg/Cm ²			
			249.18	Kg/Cm ²			
			Average	251.44			
3	Cement concrete cube of mix CC 1:2:4 , cast on 04/02/2022. For Lining Ch.10110m to ch.10185m.	28 th day compressive strength	228.79	Kg/Cm ²	210.00 Kg/cm ²	11.82	Qty represents - 37.00 Cum for two sets of cubes.
			249.18	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	234.83			
4	Cement concrete cube of mix CC 1:2:4 , cast on 04/02/2022. For Lining Ch.10110m to ch.10185m.	28 th day compressive strength	244.65	Kg/Cm ²	210.00 Kg/cm ²	17.22	----- do -----
			260.51	Kg/Cm ²			
			233.32	Kg/Cm ²			
			Average	246.16			
5	Cement concrete cube of mix CC 1:2:4 , cast on 05/02/2022. For Lining Ch.10185 to ch.10260m.	28 th day compressive strength	210.67	Kg/Cm ²	210.00 Kg/cm ²	6.07	Qty represents - 35.00 Cum for two sets of cubes.
			231.06	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	222.75			
6	Cement concrete cube of mix CC 1:2:4 , cast on 05/02/2022. For Lining Ch.10185 to ch.10260m.	28 th day compressive strength	255.97	Kg/Cm ²	210.00 Kg/cm ²	17.22	----- do -----
			244.65	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	246.16			

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