

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :2866,2881,2882,2893,2894,2920,2945,2946 / Lab /**263**/ 2021 - 22 Dated:- 17/ 01 /2022. Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of Piligao-Narva Distributory of LBMC of T.I.P from Ch.12.330 km to tail end at village Narva Mayem in Bicholim Taluka.

Ref. to Requisition No.: WRD/WDVIII/SDVI/WF.246/2021-22/132 Dated :- 20/12/ 2021.

Qty. Received. : 8 Sets of cube Date of Receipt:- 20/ 12 / 2021. Tested on: 21,26 & 31/12/2021, 10 &14/01/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix M-25 O.S No. :7215,7236,7237,7259,7260,7311,7343 & 7344/SS Lab. Sample No.: 2508 to 2515 Tested By: 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 M 25 , cast on 23/11/2021. For 8th Lift of R/w Ch. 0 - 80 m	28 th day compressive strenath	262.77	Kg/Cm ²	290.00 Kg/cm ²	7.01	Qty represents - 17.00 Cum.
			317.14	Kg/Cm ²			
			351.12	Kg/Cm ²			
		Average	310.34	Kg/Cm²			
2	Cement concrete cube of mix M 25 , cast on 28/11/2021. For 4th Lift of R /w Ch. 80-120m.	28 th day compressive strenath	321.67	Kg/Cm ²	290.00 Kg/cm ²	12.48	Qty represents - 22.50 Cum for two sets of cubes.
			317.14	Kg/Cm ²			
			339.79	Kg/Cm ²			
		Average	326.20	Kg/Cm²			
3	Cement concrete cube of mix M 25 , cast on 28/11/2021. For 4th Lift of R /w Ch. 80-120m.	28 th day compressive strenath	335.26	Kg/Cm ²	290.00 Kg/cm ²	13.78	----- do -----
			323.93	Kg/Cm ²			
			330.73	Kg/Cm ²			
		Average	329.97	Kg/Cm²			
4	Cement concrete cube of mix M 25 , cast on 03/12/2021. For 5th Lift of R /w Ch. 80-120m.	28 th day compressive strenath	285.42	Kg/Cm ²	290.00 Kg/cm ²	4.15	Qty represents - 20.00 Cum for two sets of cubes.
			294.48	Kg/Cm ²			
			326.20	Kg/Cm ²			
		Average	302.03	Kg/Cm²			
5	Cement concrete cube of mix M 25 , cast on 03/12/2021. For 5th Lift of R /w Ch. 80-120m.	28 th day compressive strenath	305.81	Kg/Cm ²	290.00 Kg/cm ²	2.33	----- do -----
			308.08	Kg/Cm ²			
			276.36	Kg/Cm ²			
		Average	296.75	Kg/Cm²			
6	Cement concrete cube of mix M 25 , cast on 13/12/2021. For 6th Lift of R /w Ch. 80-120m.	28 th day compressive strenath	317.14	Kg/Cm ²	290.00 Kg/cm ²	12.74	Qty represents - 19.00 Cum.
			328.46	Kg/Cm ²			
			335.26	Kg/Cm ²			
		Average	326.95	Kg/Cm²			

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 M 25 , cast on 17/12/2021. For 7th Lift of R/w Ch. 80 - 120 m	28 th day compressive strenath	326.20	Kg/Cm ²	290.00 Kg/cm ²	19.77	Qty represents - 18.50 Cum for two sets of cubes.
			353.38	Kg/Cm ²			
			362.44	Kg/Cm ²			
		Average	347.34	Kg/Cm²			
8	Cement concrete cube of mix M 25 , cast on 17/12/2021. For 7th Lift of R/w Ch. 80 - 120 m	28 th day compressive strenath	351.12	Kg/Cm ²	290.00 Kg/cm ²	15.61	----- do -----
			317.14	Kg/Cm ²			
			337.52	Kg/Cm ²			
		Average	335.26	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD VI , WD VIII, WRD- Bicholim - 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