

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :2807,2808,2825to2827,2847to2849,2861, 2862/ Lab /236 / 2021 - 22 Dated:-16/ 12/2021.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.12.330 km to tail end at village Narva Mayem in Bicholim Taluka.

Ref. to Requisition No.: WRD/WDVIII/SDVI/WF.246/2021-22/123 Dated :- 23/11/ 2021.

Qty. Received. : 10 Sets of cube Date of Receipt:- 24/ 11 / 2021. Tested on: 26/11/2021,05,11 & 16/12/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix M-25 O.S No. :7133,7134,7178,7179,7180,7193 & 7194/SS & 111,112,113/R.K. Lab. Sample No.:2416 to 2425 Tested By: Mrs. S. B. Naik Shirodkar. J.E.

Cube Test Witnessed by Shri. Rakesh Sutar representative by Agency M/s Laxmi Civil Engineering Pvt ltd on 11/12/2021 & 16/12/2021.

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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 29/10/2021. For 3rd Lift of R/w Ch. 80 - 120 m	28 th day compressive strenath	305.81	Kg/Cm ²	290.00 Kg/cm ²	5.97	Qty represents - 24.00 Cum for two sets of cubes.
			292.22	Kg/Cm ²			
			323.93	Kg/Cm ²			
		Average	307.32	Kg/Cm²			
2	Cement concrete cube of mix M 25 , cast on 29/10/2021. For 3rd Lift of R/w Ch. 80 - 120 m	28 th day compressive strenath	362.44	Kg/Cm ²	290.00 Kg/cm ²	11.96	----- do -----
			339.79	Kg/Cm ²			
			271.83	Kg/Cm ²			
		Average	324.69	Kg/Cm²			
3	Cement concrete cube of mix M 25 , cast on 07/11/2021. For 5th Lift of R/w Ch. 0 - 80 m	28 th day compressive strenath	292.22	Kg/Cm ²	290.00 Kg/cm ²	5.97	Qty represents - 41.00 Cum for three sets of cubes.
			319.40	Kg/Cm ²			
			310.34	Kg/Cm ²			
		Average	307.32	Kg/Cm²			
4	Cement concrete cube of mix M 25 , cast on 07/11/2021. For 5th Lift of R/w Ch. 0 - 80 m	28 th day compressive strenath	305.81	Kg/Cm ²	290.00 Kg/cm ²	8.32	----- do -----
			330.73	Kg/Cm ²			
			305.81	Kg/Cm ²			
		Average	314.12	Kg/Cm²			
5	Cement concrete cube of mix M 25 , cast on 07/11/2021. For 5th Lift of R/w Ch. 0 - 80 m	28 th day compressive strenath	317.14	Kg/Cm ²	290.00 Kg/cm ²	4.93	----- do -----
			285.42	Kg/Cm ²			
			310.34	Kg/Cm ²			
		Average	304.30	Kg/Cm²			
6	Cement concrete cube of mix M 25 , cast on 13/11/2021. For 6thLift of R /w Ch. 0-80m.	28 th day compressive strenath	305.81	Kg/Cm ²	290.00 Kg/cm ²	8.32	Qty represents - 36.00 Cum.
			312.61	Kg/Cm ²			
			323.93	Kg/Cm ²			
		Average	314.12	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 13/11/2021. For 6th Lift of R /w Ch. 0-80m.	28 th day compressive strenath	317.14	Kg/Cm ²	290.00 Kg/cm ²	3.89	Qty represents - 36.00 Cum.
			314.87	Kg/Cm ²			
			271.83	Kg/Cm ²			
			Average	301.28			
8	Cement concrete cube of mix M 25 , cast on 13/11/2021. For 6th Lift of R /w Ch. 0-80m.	28 th day compressive strenath	294.48	Kg/Cm ²	290.00 Kg/cm ²	5.19	----- do -----
			305.81	Kg/Cm ²			
			314.87	Kg/Cm ²			
			Average	305.06			
9	Cement concrete cube of mix M 25 , cast on 18/11/2021. For 7th Lift of R/w Ch. 0 - 80 m	28 th day compressive strenath	335.26	Kg/Cm ²	290.00 Kg/cm ²	2.85	Qty represents - 33.00 Cum for two sets of cubes.
			296.75	Kg/Cm ²			
			262.77	Kg/Cm ²			
			Average	298.26			
10	Cement concrete cube of mix M 25 , cast on 18/11/2021. For 7th Lift of R/w Ch. 0 - 80 m	28 th day compressive strenath	305.81	Kg/Cm ²	290.00 Kg/cm ²	7.27	----- do -----
			310.34	Kg/Cm ²			
			317.14	Kg/Cm ²			
			Average	311.10			

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