

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :3975 to 3984,3999 / Lab /42/ 2022 - 23 Dated:- 20/ 04 /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.246/2022-23/06 Dated :- 18/04/ 2022.

Qty. Received. : 11 Sets of cube Date of Receipt:- 18/ 04 / 2022. Tested on: 18/04/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **M-25** O.S No. :8220 to 8229,8244/SS Lab. Sample No.: 3897 to 3907 Tested By: Mrs. S. B. Naik Shirodkar. J.E.

Cube test witnessed by Shri. Niranjana Pednekar TA of SDVI,WDVIII & Shri. Rakesh representative of M/s Laxmi, Civil Engineering on 18/04/2022.

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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 M 25 , cast on 21/03/2022. For RCC Raft for Storage tank.	28 th day compressive strength	326.20	Kg/Cm ²	290.00 Kg/cm ²	12.74	Qty represents - 385.00 m3 for eleven sets of cubes.
			303.55	Kg/Cm ²			
			351.12	Kg/Cm ²			
		Average	326.95	Kg/Cm²			
2	Cement concrete cube of mix M 25 , cast on 21/03/2022. For RCC Raft for Storage tank.	28 th day compressive strength	339.79	Kg/Cm ²	290.00 Kg/cm ²	13.78	----- do -----
			328.46	Kg/Cm ²			
			321.67	Kg/Cm ²			
		Average	329.97	Kg/Cm²			
3	Cement concrete cube of mix M 25 , cast on 21/03/2022. For RCC Raft for Storage tank.	28 th day compressive strength	285.42	Kg/Cm ²	290.00 Kg/cm ²	6.49	----- do -----
			323.93	Kg/Cm ²			
			317.14	Kg/Cm ²			
		Average	308.83	Kg/Cm²			
4	Cement concrete cube of mix M 25 , cast on 21/03/2022. For RCC Raft for Storage tank.	28 th day compressive strength	335.26	Kg/Cm ²	290.00 Kg/cm ²	16.91	----- do -----
			337.52	Kg/Cm ²			
			344.32	Kg/Cm ²			
		Average	339.03	Kg/Cm²			
5	Cement concrete cube of mix M 25 , cast on 21/03/2022. For RCC Raft for Storage tank.	28 th day compressive strength	294.48	Kg/Cm ²	290.00 Kg/cm ²	10.92	----- do -----
			321.67	Kg/Cm ²			
			348.85	Kg/Cm ²			
		Average	321.67	Kg/Cm²			
6	Cement concrete cube of mix M 25 , cast on 21/03/2022. For RCC Raft for Storage tank.	28 th day compressive strength	344.32	Kg/Cm ²	290.00 Kg/cm ²	15.87	----- do -----
			346.59	Kg/Cm ²			
			317.14	Kg/Cm ²			
		Average	336.01	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 21/03/2022. For RCC Raft for Storage tank.	28 th day compressive strenath	348.85	Kg/Cm ²	290.00 Kg/cm ²	13.00	Qty represents - 385.00 m3 for eleven sets of cubes.
			328.46	Kg/Cm ²			
			305.81	Kg/Cm ²			
		Average	327.71	Kg/Cm²			
8	Cement concrete cube of mix M 25 , cast on 21/03/2022. For RCC Raft for Storage tank.	28 th day compressive strenath	342.05	Kg/Cm ²	290.00 Kg/cm ²	14.30	----- do -----
			319.40	Kg/Cm ²			
			332.99	Kg/Cm ²			
		Average	331.48	Kg/Cm²			
9	Cement concrete cube of mix M 25 , cast on 21/03/2022. For RCC Raft for Storage tank.	28 th day compressive strenath	328.46	Kg/Cm ²	290.00 Kg/cm ²	19.25	----- do -----
			353.38	Kg/Cm ²			
			355.65	Kg/Cm ²			
		Average	345.83	Kg/Cm²			
10	Cement concrete cube of mix M 25 , cast on 21/03/2022. For RCC Raft for Storage tank.	28 th day compressive strenath	348.85	Kg/Cm ²	290.00 Kg/cm ²	19.51	----- do -----
			344.32	Kg/Cm ²			
			346.59	Kg/Cm ²			
		Average	346.59	Kg/Cm²			
11	Cement concrete cube of mix M 25 , cast on 21/03/2022. For RCC Raft for Storage tank.	28 th day compressive strenath	357.91	Kg/Cm ²	290.00 Kg/cm ²	14.83	----- do -----
			323.93	Kg/Cm ²			
			317.14	Kg/Cm ²			
		Average	332.99	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