

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 4668,4676,4690,4702 & 4718/ Lab /107/ 2022 - 23 Dated:- 03/06/2022.

Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/Goa.

Name of work : Improvement of Irrigation tank in sy no. 26/9, Kudshe V.P. Sawardem in Sattari Taluka.

Ref. to Requisition No.: MI/WDVI/WRD/SDII/f-62/22-23/76 Dt.:- 12/ 05/ 2022

Qty. Received. : 05 Sets of cube Date of Receipt:- 12/05/ 2022. Tested on: - 25,26,27,28 & 30/05/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample:Cube Mix **1:1.5:3** O.SNo.:8628,8638,8653,8664 & 8682/SS Lab. Sample No.: 4443 to 4447 Tested By: Mrs. S.B. Naik Shirodkar J.E.

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Valu e permissible	% above or below	REMARK
1	Cement concrete cube of mix 1:1.5:3 , cast on 27/04/2022. PCC for Tank foundation Bottom.	28 th day compressive strength	289.95	Ka/Cm ²	265.00 Kg/cm ²	5.71	Qty represents - 32.00m3.
			278.63	Ka/Cm ²			
			271.83	Kg/Cm ²			
			Average	280.14			
2	Cement concrete cube of mix 1:1.5:3 , cast on 28/04/2022. PCC for Tank foundation.	28 th day compressive strength	280.89	Ka/Cm ²	265.00 Kg/cm ²	8.56	Qty represents - 35.00m3.
			305.81	Ka/Cm ²			
			276.36	Kg/Cm ²			
			Average	287.69			
3	Cement concrete cube of mix 1:1.5:3 , cast on 29/04/2022. PCC for Tank foundation.	28 th day compressive strength	303.55	Ka/Cm ²	265.00 Kg/cm ²	12.55	Qty represents - 36.00m3.
			308.08	Ka/Cm ²			
			283.16	Kg/Cm ²			
			Average	298.26			
4	Cement concrete cube of mix 1:1.5:3 , cast on 30/04/2022. PCC for Tank Above foundation 1 st Lift.	28 th day compressive strength	276.36	Ka/Cm ²	265.00 Kg/cm ²	7.42	Qty represents - 35.00m3.
			283.16	Ka/Cm ²			
			294.48	Kg/Cm ²			
			Average	284.67			
5	Cement concrete cube of mix 1:1.5:3 , cast on 02/05/2022. PCC for Tank Above foundation 2 nd Lift.	28 th day compressive strength	296.75	Ka/Cm ²	265.00 Kg/cm ²	9.99	Qty represents - 29.00m3.
			285.42	Ka/Cm ²			
			292.22	Kg/Cm ²			
			Average	291.46			

Copy to: 1. The Assistant Engineer , SD II , WDVI , WRD,Valpoi-Sattari - 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 VI ,WRD, Bicholim - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer