

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/Q / F. 6-2/ Cube -T :- 6655,6656,6662,6663,6675,6701/Lab/29/2023 - 24 Dated:- 21/04/2023.

Laboratory : Bicholim - Goa.

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

Name of work :- Improvement to Irrigation Tank in the field bearing Sy.No.3/4 at Golali Village V.P. Dongurli – Thane in Sattari Taluka.

Ref. to Requisition No : MIN/WDVI/WRD/SDII/F.62/23-24/05 dated :-11/04/2023.

Qty. Recived. : 06 Sets of cubes Date of Receipt:- 12/04/2023 Tested on: - 14,15,17 & 20/04/2023 Ref to CPWD :2009, Vol. I

Sample: Cube **Mix 1:2:4** O.S No: 1094/RK & 650,651,657,658,670/SS . Lab. Sample No: 6829 To 6834

Tested By: Mrs. R.R. Kadam A.E. & Mrs. S.B. Naik Shirodkar. J.E.

REPORT PAGE 01 OF 02

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix 1:2:4 , cast on 17/03/2023. PCC for Tank Foundation Bottom.	28 th day compressive strength	242.38	Ka/Cm ²	210.00 Kg/cm ²	5.35	Qty represents - 36.00 m3 for two sets of cube.
			217.47	Ka/Cm ²			
			203.87	Ka/Cm ²			
		Average	221.24	Ka/Cm²			
2	Cement concrete cube of mix 1:2:4 , cast on 17/03/2023. PCC for Tank Foundation Bottom.	28 th day compressive strength	215.20	Ka/Cm ²	210.00 Kg/cm ²	4.63	-----do-----
			226.53	Ka/Cm ²			
			217.47	Ka/Cm ²			
		Average	219.73	Ka/Cm²			
3	Cement concrete cube of mix 1:2:4 , cast on 18/03/2023. PCC for Tank Foundation 1st Lift.	28 th day compressive strength	249.18	Ka/Cm ²	210.00 Kg/cm ²	16.14	Qty represents - 30.00 m3 for two sets of cube.
			244.65	Ka/Cm ²			
			237.85	Ka/Cm ²			
		Average	243.89	Ka/Cm²			
4	Cement concrete cube of mix 1:2:4 , cast on 18/03/2023. PCC for Tank Foundation 1st Lift.	28 th day compressive strength	267.30	Ka/Cm ²	210.00 Kg/cm ²	17.58	-----do-----
			246.91	Ka/Cm ²			
			226.53	Ka/Cm ²			
		Average	246.91	Ka/Cm²			

Junior Engineer

Assistant Engineer

REPORT PAGE 02 OF 02

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Cement concrete cube of mix 1:2:4 , cast on 20/03/2023. PCC for Tank above Foundation 2nd Lift.	28 th day compressive strength	255.97	Kg/Cm ²	210.00 Kg/cm ²	17.94	Qty represents - 18.00 m3
			244.65	Kg/Cm ²			
			242.38	Kg/Cm ²			
		Average	247.67	Kg/Cm²			
6	Cement concrete cube of mix 1:2:4 , cast on 23/03/2023. PCC for Tank above Foundation 3rd Lift.	28 th day compressive strength	260.51	Kg/Cm ²	210.00 Kg/cm ²	17.22	Qty represents - 10.00 m3
			246.91	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	246.16	Kg/Cm²			

Copy to: 1. The Assistant Engineer, SD II, WD VI, 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, Bichoilm - Goa.
4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer