

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No: WRD/QC/F.6-2/Cube -T : 6595,6606,6611,6616,6622,6623,6640,6641/Lab/**38**/2023 - 24 Dated:- 02/05/2023.
6683,6684,6697,6698,6715,6728,6755.

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

Name of work : Improvement to existing Irrigation Tank near St. Clara Church at Modola Vaddo in V.P. Assonora in Thivim Constituency.

Ref. to Requisition No : SDII/WDI/WRD/F.24/2023-24/02. Dt.:- 04/04/2023

Qty. Received : 15 Sets of cube Date of Receipt:- 06/04/2023.

Tested on: - 06,07,08,09,10,12,18,20,22,24 & 27/04/2023 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No : 1061,1066,1090,1091,1102/RK & 604,609,618,619,639,640,680,681,708,739/SS Lab. Sample No: 6752 to 6766

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

REPORT PAGE 01 OF 03

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 09/03/2023. For Foundation.	28 th day compressive strength	246.91	Kg/Cm ²	210.00 Kg/cm ²	8.95	Qty represents - 20.00 m3
			226.53	Kg/Cm ²			
			212.93	Kg/Cm ²			
		Average	228.79	Kg/Cm²			
2	Cement concrete cube of mix 1:2:4 , cast on 10/03/2023. For Foundation.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	4.99	Qty represents - 20.00 m3
			219.73	Kg/Cm ²			
			203.87	Kg/Cm ²			
		Average	220.49	Kg/Cm²			
3	Cement concrete cube of mix 1:2:4 , cast on 11/03/2023. For Foundation.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	5.35	Qty represents - 20.00 m3
			215.20	Kg/Cm ²			
			212.93	Kg/Cm ²			
		Average	221.24	Kg/Cm²			
4	Cement concrete cube of mix 1:2:4 , cast on 12/03/2023. For Foundation.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	8.23	Qty represents - 20.00 m3
			237.85	Kg/Cm ²			
			217.47	Kg/Cm ²			
		Average	227.28	Kg/Cm²			
5	Cement concrete cube of mix 1:2:4 , cast on 13/03/2023. For I Lift.	28 th day compressive strength	203.87	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 38.00 m3 for two sets of Cube.
			217.47	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	219.73	Kg/Cm²			

Junior Engineer

Assistant Engineer

REPORT PAGE 02 OF 03

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
6	Cement concrete cube of mix 1:2:4 , cast on 13/03/2023. For I Lift.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	5.35	Qty represents - 38.00 m3 for two sets of Cube.
			215.20	Kg/Cm ²			
			210.67	Kg/Cm ²			
		Average	221.24	Kg/Cm²			
7	Cement concrete cube of mix 1:2:4 , cast on 15/03/2023. For I Lift.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	12.54	Qty represents - 32.00 m3 for two sets of Cube.
			226.53	Kg/Cm ²			
			244.65	Kg/Cm ²			
		Average	236.34	Kg/Cm²			
8	Cement concrete cube of mix 1:2:4 , cast on 15/03/2023. For I Lift.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	10.39	---do---
			237.85	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	231.81	Kg/Cm²			
9	Cement concrete cube of mix 1:2:4 , cast on 21/03/2023. For II Lift.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	10.03	Qty represents - 25.00 m3 for two sets of Cube.
			240.12	Kg/Cm ²			
			244.65	Kg/Cm ²			
		Average	231.06	Kg/Cm²			
10	Cement concrete cube of mix 1:2:4 , cast on 21/03/2023. For II Lift.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	9.31	---do---
			249.18	Kg/Cm ²			
			212.93	Kg/Cm ²			
		Average	229.55	Kg/Cm²			
11	Cement concrete cube of mix 1:2:4 , cast on 23/03/2023. For III Lift.	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/cm ²	12.90	Qty represents - 25.00 m3 for two sets of Cube.
			237.85	Kg/Cm ²			
			240.12	Kg/Cm ²			
		Average	237.10	Kg/Cm²			

Junior Engineer

Assistant Engineer

REPORT PAGE 03 OF 03

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
12	Cement concrete cube of mix 1:2:4 , cast on 23/03/2023. For III Lift.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	19.02	Qty represents - 25.00 m3 for two sets of Cube.
			260.51	Kg/Cm ²			
			253.71	Kg/Cm ²			
		Average	249.93	Kg/Cm²			
13	Cement concrete cube of mix 1:2:4 , cast on 25/03/2023. For IV Lift.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	6.43	Qty represents - 20.00 m3
			224.26	Kg/Cm ²			
			219.73	Kg/Cm ²			
		Average	223.51	Kg/Cm²			
14	Cement concrete cube of mix 1:2:4 , cast on 27/03/2023. For V Lift.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	13.26	Qty represents - 15.00 m3
			244.65	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	237.85	Kg/Cm²			
15	Cement concrete cube of mix 1:2:4 , cast on 30/03/2023. For VI Lift.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	8.23	Qty represents - 8.00 m3
			219.73	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	227.28	Kg/Cm²			

Copy to: 1. The Assistant Engineer, SDII, WDI, WRD, Mapusa Bardez - Goa.

2. Copy submitted to The Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa for kind Information.

3. Copy submitted to The Executive Engineer, WDI, WRD, Sinchai Bhavan, Porvorim - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer