

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 3865, 3866,3886,3887,3896,3897,3908 & 3909/ Lab /32/ 2022 - 23 Dated:- 13/ 04/2022. Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/Goa.

Name of work : Improvement to existing Irrigation Tank in the field of Shri. Balkrishna V. Joshi at Velguem V.P. Cotorem in Sattari Taluka.

Ref. to Requisition No.: MI/WDVI/WRD/SDII/f-62/21-22/488 Dt.:- 30/ 03/ 2022

Qty. Received. : 08 Sets of cube Date of Receipt:- 31/03/ 2022. Tested on: - 09,10,11 & 12/04/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample:Cube Mix PCC 1:2:4 O.SNo.:8088,8089,8110,8111,8121,8122,3138 & 3139/SS Lab. Sample No.: 3670 to 3677 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 permissable	% above or below	REMARK
1	Cement concrete cube of mix 1 : 2: 4 , cast on 12/03/2022. PCC for Tank foundation.	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	17.58	Qty represents - 60.00 Cum for two sets of cubes.
			260.51	Kg/Cm ²			
			249.18	Kg/Cm ²			
			Average	246.91			
2	Cement concrete cube of mix 1 : 2: 4 , cast on 12/03/2022. PCC for Tank foundation.	28 th day compressive strength	246.91	Kg/Cm ²	210.00 Kg/cm ²	18.30	--do--
			262.77	Kg/Cm ²			
			235.59	Kg/Cm ²			
			Average	248.42			
3	Cement concrete cube of mix 1 : 2: 4 , cast on 13/03/2022. PCC for Above foundation 1st Lift.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	7.51	Qty represents - 45.00 Cum for two sets of cubes.
			235.59	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	225.77			
4	Cement concrete cube of mix 1 : 2: 4 , cast on 13/03/2022. PCC for Above foundation 1st Lift.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	8.59	--do--
			244.65	Kg/Cm ²			
			212.93	Kg/Cm ²			
			Average	228.04			
5	Cement concrete cube of mix 1 : 2: 4 , cast on 14/03/2022. PCC for Above foundation 2nd Lift.	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ²	7.87	Qty represents - 25.00 Cum for two sets of cubes.
			231.06	Kg/Cm ²			
			235.59	Kg/Cm ²			
			Average	226.53			

Junior Engineer

Assistant Engineer

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min. Value permissible	% above or below	REMARK
6	Cement concrete cube of mix 1 : 2: 4 , cast on 14/03/2022. PCC for Above foundation 2nd Lift.	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ²	3.91	Qty represents - 25.00 Cum for two sets of cubes.
			231.06	Kg/Cm ²			
			210.67	Kg/Cm ²			
		Average	218.22	Kg/Cm²			
7	Cement concrete cube of mix 1 : 2: 4 , cast on 15/03/2022. PCC for Above foundation 3rd Lift.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	10.03	Qty represents - 12.00 Cum for two sets of cubes.
			222.00	Kg/Cm ²			
			233.32	Kg/Cm ²			
		Average	231.06	Kg/Cm²			
8	Cement concrete cube of mix 1 : 2: 4 , cast on 15/03/2022. PCC for Above foundation 3rd Lift.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	13.62	--do--
			249.18	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	238.61	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD II , WDWI , 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