

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 4563,4583,4626 & 4647/ Lab /93/ 2022 - 23 Dated:- 25/ 05/2022.

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

Name of work : Improvement to existing canal in the field of 1)Sada Gaonkar to Uday Gaonkar field 2)Dattaram Gawade to Vasu Gaonkar field of lift Irrigation Scheme Vantem V.P. Bhironda in Sattari Taluka.

Ref. to Requisition No.: MI/WDVI/WRD/SDII/f-62/22-23/86 Dt.:- 17/ 05/ 2022

Qty. Recived. : 04 Sets of cube Date of Receipt:- 17/05/ 2022. Tested on: - 18,20,21 & 23/05/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample:Cube Mix PCC **1:2:4** O.SNo.:8518,8541,8584 & 8605/SS Lab. Sample No.: 4507 to 4510 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 11/05/2022. PCC for Pillar Above Foundation.	07 th day compressive strength	156.30	Kg/Cm ²	140.00 Kg/cm ²	10.03	1) Qty represents - 15.00m3. 2) 28th day test due on 08/06/2022
			158.57	Kg/Cm ²			
			147.24	Kg/Cm ²			
		Average	154.04	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2: 4 , cast on 13/05/2022. PCC for Pillar Above Foundation.	07 th day compressive strength	158.57	Kg/Cm ²	140.00 Kg/cm ²	11.65	1) Qty represents - 14.00m3. 2) 28th day test due on 10/06/2022
			156.30	Kg/Cm ²			
			154.04	Kg/Cm ²			
		Average	156.30	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2: 4 , cast on 14/05/2022. PCC for Chamber.	07 th day compressive strength	167.63	Kg/Cm ²	140.00 Kg/cm ²	12.72	1) Qty represents - 27.00m3. 2) 28th day test due on 11/06/2022
			160.83	Kg/Cm ²			
			144.98	Kg/Cm ²			
		Average	157.81	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2: 4 , cast on 16/05/2022. PCC for R.C. Chamber.	07 th day compressive strength	169.89	Kg/Cm ²	140.00 Kg/cm ²	19.74	1) Qty represents - 28.00m3. 2) 28th day test due on 13/06/2022
			158.57	Kg/Cm ²			
			174.43	Kg/Cm ²			
		Average	167.63	Kg/Cm²			

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