

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No: WRD/QC/F.6-2/Cube -T : 6543,6551,6562,6570/Lab/**10**/2023 - 24 Dated:- 06/04/2023.

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

Name of work :Construction of Raw Water Pumping Station at Amthane for Dhumacem water treatment Plant and Industrial Estate at Latambarcem.

Ref. to Requisition No : WRD/WDVI/SDI/F.W.247/2022-23/480 Dated :- 29/03/2023.

Qty. Recived : 04 Set of cube Date of Receipt:- 29/03/2023 Tested on: - 31/03/2023 & 01,03, & 04/04/2023. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No. : 1040/RK & 552,561,575/SS Lab. Sample No.: 6620 To 6623.

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

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SR.N O.	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 24/03/2023. PCC for the Dam Top.	7 th day compressive strength	158.57	Kg/Cm ²	140.00 Kg/cm ²	15.42	1)Qty represents - 19.20 Cum. 2)28th day test due on 21/04/2023.
			169.89	Kg/Cm ²			
			156.30	Kg/Cm ²			
		Average	161.59	Kg/Cm²			
2	Cement concrete cube of mix 1:2:4 , cast on 25/03/2023. PCC for the Dam Top.	7 th day compressive strength	163.10	Kg/Cm ²	140.00 Kg/cm ²	13.80	1)Qty represents - 19.20 Cum. 2)28th day test due on 22/04/2023.
			154.04	Kg/Cm ²			
			160.83	Kg/Cm ²			
		Average	159.32	Kg/Cm²			
3	Cement concrete cube of mix 1:2:4 , cast on 27/03/2023. PCC for the Dam Top.	7 th day compressive strength	176.69	Kg/Cm ²	140.00 Kg/cm ²	20.27	1)Qty represents - 19.20 Cum. 2)28th day test due on 24/04/2023.
			165.36	Kg/Cm ²			
			163.10	Kg/Cm ²			
		Average	168.38	Kg/Cm²			
4	Cement concrete cube of mix 1:2:4 , cast on 28/03/2023. PCC for the Dam Top.	7 th day compressive strength	169.89	Kg/Cm ²	140.00 Kg/cm ²	19.20	1)Qty represents - 19.20 Cum. 2)28th day test due on 25/04/2023.
			156.30	Kg/Cm ²			
			174.43	Kg/Cm ²			
		Average	166.87	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD I , WD VI, WRD, Bicholim - 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