

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F. 6-2/Cube -T :- 7506,7514,7530,7534/Lab/139/2023 - 24 Dated:- 20/07/2023.

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.247/2023-24/132 dated :- 11/07/2023.

Qty. Recived :- **04** Sets of cubes Date of Receipt:- 11/07/2023. Tested on:- 11,12,15 & 17/07/2023 Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:1.5:3** O.S No: 1104,1113,1129,1134/SS Lab. Sample No: 7704 To 7707 Tested By: Mrs. S.B. Naik Shirodkar J.E.

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	
1	Cement concrete cube of mix 1:1.5:3 , cast on 04/07/2023. For Dam Top RCC.	7 th day compressive strength	172.16	Kg/Cm ²	175.00 Kg/cm ²	3.99	1)Qty represents - 17.00 Cum. 2)28th day test due on 01/08/2023
			192.55	Kg/Cm ²			
			181.22	Kg/Cm ²			
		Average	181.98	Kg/Cm²			
2	Cement concrete cube of mix 1:1.5:3 , cast on 05/07/2023. For Dam Top RCC.	7 th day compressive strength	165.36	Kg/Cm ²	175.00 Kg/cm ²	5.71	1)Qty represents - 17.00 Cum. 2)28th day test due on 02/08/2023
			185.75	Kg/Cm ²			
			203.87	Kg/Cm ²			
		Average	185.00	Kg/Cm²			
3	Cement concrete cube of mix 1:1.5:3 , cast on 08/07/2023. For Dam Top RCC.	7 th day compressive strength	181.22	Kg/Cm ²	175.00 Kg/cm ²	6.58	1)Qty represents - 17.00 Cum. 2)28th day test due on 05/08/2023
			206.14	Kg/Cm ²			
			172.16	Kg/Cm ²			
		Average	186.51	Kg/Cm²			
4	Cement concrete cube of mix 1:1.5:3 , cast on 10/07/2023. For Dam Top RCC.	7 th day compressive strength	199.34	Kg/Cm ²	175.00 Kg/cm ²	5.28	1)Qty represents - 17.00 Cum. 2)28th day test due on 07/08/2023
			169.89	Kg/Cm ²			
			183.49	Kg/Cm ²			
		Average	184.24	Kg/Cm²			

Copy to: 1. The Assistant Engineer, SDI, WDVI, 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, WDVI, WRD, Bicholim - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer

