

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/Q / F. 6-2/ Cube -T :- 6811,6812,6813,6814,6847,6848/Lab/50/2023 - 24 Dated:- 09/05/2023.

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.247/2022-23/39 dated :- 28/04/2023.

Qty. Recived. : 06 Sets of cubes Date of Receipt:- 28/04/2023 Tested on:- 28/04/2023 & 04/05/2023 Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** & **1:1.5:3** O.S No: 1143,1144,1145,1146/RK & 781,782/SS . Lab. Sample No: 6991 To 6996

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

Cube test witnessed by Shri C. Gopalkrishnan representative by agency Bagkiya Constructions Pvt. Ltd. On 28/04/2023.

REPORT PAGE 01 OF 02

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 21/04/2023. PCC for Flooring PCC.	7 th day compressive strength	140.45	Kg/Cm ²	140.00 Kg/cm ²	6.25	1)Qty represents - 20.00 M3 2)28th day test due on 19/05/2023
			144.98	Kg/Cm ²			
			160.83	Kg/Cm ²			
		Average	148.75	Kg/Cm²			
2	Cement concrete cube of mix 1:2:4 , cast on 21/04/2023. PCC for Flooring PCC.	7 th day compressive strength	144.98	Kg/Cm ²	140.00 Kg/cm ²	4.63	1)Qty represents - 20.00 M3 2)28th day test due on 19/05/2023
			135.92	Kg/Cm ²			
			158.57	Kg/Cm ²			
		Average	146.49	Kg/Cm²			
3	Cement concrete cube of mix 1:1.5:3 , cast on 21/04/2023. RCC for Anchor Block.	7 th day compressive strength	165.36	Kg/Cm ²	175.00 Kg/cm ²	3.55	1)Qty represents - 18.00 M3 2)28th day test due on 19/05/2023
			176.69	Kg/Cm ²			
			201.61	Kg/Cm ²			
		Average	181.22	Kg/Cm²			
4	Cement concrete cube of mix 1:1.5:3 , cast on 21/04/2023. RCC for Anchor Block.	7 th day compressive strength	172.16	Kg/Cm ²	175.00 Kg/cm ²	6.58	1)Qty represents - 20.00 M3 2)28th day test due on 19/05/2023
			176.69	Kg/Cm ²			
			210.67	Kg/Cm ²			
		Average	186.51	Kg/Cm²			

Junior Engineer

Assistant Engineer

REPORT PAGE 02 OF 02

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Cement concrete cube of mix 1:1.5:3 , cast on 27/04/2023. RCC for Anchor Block.	7 th day compressive strength	172.16	Kg/Cm ²	175.00 Kg/cm ²	5.28	1)Qty represents - 18.00 M3 2)28th day test due on 25/05/2023
			188.02	Kg/Cm ²			
			192.55	Kg/Cm ²			
		Average	184.24	Kg/Cm²			
6	Cement concrete cube of mix 1:1.5:3 , cast on 27/04/2023. RCC for Anchor Block.	7 th day compressive strength	169.89	Kg/Cm ²	175.00 Kg/cm ²	4.85	1)Qty represents - 20.00 M3 2)28th day test due on 25/05/2023
			192.55	Kg/Cm ²			
			188.02	Kg/Cm ²			
		Average	183.49	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