

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F. 6-2/Cube -T :- 7015,7016,7057,7058,7120,7121/Lab/**86**/2023 - 24 Dated:- 06/06/2023. 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.74/2022-23/247 dated :-19/05/2023.

Qty. Recived. : **06** Sets of cubes Date of Receipt:- 20/05/2023 Tested on:- 25,30/05/2023 & 05/06/2023 Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:1.5:3** O.S No: 1307,1308,1355,1356,1418,1419/RK. Lab. Sample No: 7153 To 7158 Tested By: Mrs. R.R. Kadam A.E.

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 1:1.5:3 , cast on 27/04/2023. for Dam Top RCC. (12*5.40*0.25=16.20).	28 th day compressive strength	246.91	Kg/Cm ²	265.00 Kg/cm ²	8.85	Qty represents - 17.00 Cum.
			308.08	Kg/Cm ²			
			310.34	Kg/Cm ²			
		Average	288.44	Kg/Cm²			
2	Cement concrete cube of mix 1:1.5:3 , cast on 27/04/2023. for Dam Top RCC. (12*5.40*0.25=16.20).	28 th day compressive strength	253.71	Kg/Cm ²	265.00 Kg/cm ²	5.14	Qty represents - 17.00 Cum.
			310.34	Kg/Cm ²			
			271.83	Kg/Cm ²			
		Average	278.63	Kg/Cm²			
3	Cement concrete cube of mix 1:1.5:3 , cast on 02/05/2023. for Dam Top RCC. (12*5.40*0.25=16.20).	28 th day compressive strength	262.77	Kg/Cm ²	265.00 Kg/cm ²	5.43	Qty represents - 17.00 Cum.
			283.16	Kg/Cm ²			
			292.22	Kg/Cm ²			
		Average	279.38	Kg/Cm²			
4	Cement concrete cube of mix 1:1.5:3 , cast on 02/05/2023. for Dam Top RCC. (12*5.40*0.25=16.20).	28 th day compressive strength	271.83	Kg/Cm ²	265.00 Kg/cm ²	3.72	Qty represents - 17.00 Cum.
			258.24	Kg/Cm ²			
			294.48	Kg/Cm ²			
		Average	274.85	Kg/Cm²			

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 08/05/2023. for Dam Top RCC. (12*5.40*0.25=16.20).	28 th day compressive strength	283.16	Kg/Cm ²	265.00 Kg/cm ²	3.43	Qty represents - 17.00 Cum.
			262.77	Kg/Cm ²			
			276.36	Kg/Cm ²			
		Average	274.10	Kg/Cm²			
6	Cement concrete cube of mix 1:1.5:3 , cast on 08/05/2023. for Dam Top RCC. (12*5.40*0.25=16.20).	28 th day compressive strength	244.65	Kg/Cm ²	265.00 Kg/cm ²	4.00	Qty represents - 17.00 Cum.
			289.95	Kg/Cm ²			
			292.22	Kg/Cm ²			
		Average	275.61	Kg/Cm²			

Copy to: 1. The Assistant Engineer, SDI, WDV, 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, WDV, WRD, Bicholim - Goa.
4. QC Lab File. 5. Bill File.

Assistant Engineer