

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No: WRD/QC/F.6-2/Cube -T : 6703,6709,6723,6737/Lab/**35**/2023 - 24 Dated:- 28/04/2023.

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:- 21,22,24 & 25/04/2023. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No. : 1096/RK & 696,703,718/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.	28 th day compressive strength	242.38	Kg/Cm ²	210.00 Kg/cm ²	17.22	Qty represents - 19.20 Cum.
			258.24	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	246.16			
2	Cement concrete cube of mix 1:2:4 , cast on 25/03/2023. PCC for the Dam Top.	28 th day compressive strength	258.24	Kg/Cm ²	210.00 Kg/cm ²	17.58	Qty represents - 19.20 Cum.
			246.91	Kg/Cm ²			
			235.59	Kg/Cm ²			
			Average	246.91			
3	Cement concrete cube of mix 1:2:4 , cast on 27/03/2023. PCC for the Dam Top.	28 th day compressive strength	249.18	Kg/Cm ²	210.00 Kg/cm ²	21.53	Qty represents - 19.20 Cum.
			255.97	Kg/Cm ²			
			260.51	Kg/Cm ²			
			Average	255.22			
4	Cement concrete cube of mix 1:2:4 , cast on 28/03/2023. PCC for the Dam Top.	28 th day compressive strength	244.65	Kg/Cm ²	210.00 Kg/cm ²	20.81	Qty represents - 19.20 Cum.
			260.51	Kg/Cm ²			
			255.97	Kg/Cm ²			
			Average	253.71			

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