

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No: WRD/QC/F.6-2/Cube -T : 7280,7292,7310,7361,7383,7414/Lab/120/2023 - 24 Dated:- 01/07/2023.

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

Name of work : Construction of retaining wall in Sy. No. 9/9 at Ghoteli no.1 V.P. Querim, Sattari-Goa.

Ref. to Requisition No : F.50/SDIV/WDVI/WRD/2023-24/30. Dt.:- 31/05/2023

Qty. Received : **06** Sets of cube Date of Receipt:- 16/06/2023. Tested on:- 16,17,19,23,24 & 27/06/2023 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No : 1537/RK & 906,918,937,973,998/SS. Lab. Sample No: 7519 to 7524

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

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR		Max./Min.Value permissable	% above or below	REMARK	
1	Cement concrete cube of mix 1:2:4 , cast on 19/05/2023. For 1st Lift Ch. 0.00 to 30.00m.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	11.82	Qty represents - 22.00 m3.
			246.91	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	234.83	Kg/Cm²			
2	Cement concrete cube of mix 1:2:4 , cast on 20/05/2023. For 1st Lift Ch. 30.00 to 50.00m.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	7.87	Qty represents - 21.00 m3.
			226.53	Kg/Cm ²			
			217.47	Kg/Cm ²			
		Average	226.53	Kg/Cm²			
3	Cement concrete cube of mix 1:2:4 , cast on 22/05/2023. For 1st Lift Ch. 60.00 to 70.00m.	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	9.67	Qty represents - 20.70 m3.
			233.32	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	230.30	Kg/Cm²			
4	Cement concrete cube of mix 1:2:4 , cast on 26/05/2023. For 2nd Lift Ch. 0.00 to 30.00m.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	12.18	Qty represents - 21.50 m3.
			237.85	Kg/Cm ²			
			233.32	Kg/Cm ²			
		Average	235.59	Kg/Cm²			

Junior Engineer

Assistant Engineer

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Cement concrete cube of mix 1:2:4 , cast on 27/05/2023. For 2nd Lift Ch. 30.00 to 70.00m.	28 th day compressive strength	249.18	Kg/Cm ²	210.00 Kg/cm ²	11.11	Qty represents - 22.60 m3.
			231.06	Kg/Cm ²			
			219.73	Kg/Cm ²			
		Average	233.32	Kg/Cm²			
6	Cement concrete cube of mix 1:2:4 , cast on 30/05/2023. For 3rd Lift Ch. 0.00 to 70.00m.	28 th day compressive strength	240.12	Kg/Cm ²	210.00 Kg/cm ²	11.82	Qty represents - 24.50 m3.
			226.53	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	234.83	Kg/Cm²			

Copy to: 1. The Assistant Engineer, SDIV, WDV, WRD, Sarvan, 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, Sarvan, Bicholim - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer