

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No: WRD/QC/F.6-2/Cube -T : 7353,7370,7386,7407,7415/Lab/121/2023 - 24 Dated:- 01/07/2023.

Laboratory : Bicholim - Goa.

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

Name of work : Improvement to existing nallah near Sy No. 57 at Orda in Village Candolim in Calangute Constituency.

Ref. to Requisition No : SDII/WDI/WRD/F.24/2023-24/96. Dt.:- 31/05/2023

Qty. Received : 05 Sets of cube Date of Receipt:- 22/06/2023. Tested on:- 22,23,24,26 & 27/06/2023 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No : 1538/RK & 964,982,1001,1023/SS. Lab. Sample No: 7563 to 7567 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	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Cement concrete cube of mix 1:2:4, cast on 25/05/2023. PCC for Foundation RHS.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 15.00 m3.
			224.26	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	219.73			
2	Cement concrete cube of mix 1:2:4, cast on 26/05/2023. PCC for Foundation RHS.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	7.51	Qty represents - 20.00 m3.
			226.53	Kg/Cm ²			
			212.93	Kg/Cm ²			
			Average	225.77			
3	Cement concrete cube of mix 1:2:4, cast on 27/05/2023. PCC for Foundation RHS.	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/cm ²	8.59	Qty represents - 16.00 m3.
			212.93	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	228.04			
4	Cement concrete cube of mix 1:2:4, cast on 29/05/2023. PCC for 1st Step RHS.	28 th day compressive strength	244.65	Kg/Cm ²	210.00 Kg/cm ²	5.71	Qty represents - 20.00 m3.
			203.87	Kg/Cm ²			
			217.47	Kg/Cm ²			
			Average	222.00			
5	Cement concrete cube of mix 1:2:4, cast on 30/05/2023. PCC for 2nd Step RHS.	28 th day compressive strength	242.38	Kg/Cm ²	210.00 Kg/cm ²	15.06	Qty represents - 17.00 m3.
			233.32	Kg/Cm ²			
			249.18	Kg/Cm ²			
			Average	241.63			

Copy to: 1. The Assistant Engineer, SDII, WDI, WRD, Mapusa Bardez - Goa.

2. Copy submitted to The Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa for kind Information.

3. Copy submitted to The Executive Engineer, WDI, WRD, Porvorim - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer