

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No: WRD/QC/F.6-2/Cube -T : 5633,5651,5668,5686/Lab/**238**/2022 - 23 Dated:- 10/01/2023.

Laboratory : Bicholim - Goa.

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

Name of work : Construction of Kamurlim Minor – 3 and It's outlets of OR 1, OL 1A, OL 1, OR 2, OL 2, OR 3 and OT of LBMC of TIP at Village Siolim and Oxel in Bardez Taluka.

Ref. to Requisition No : SDI/WDVIII /WRD/WF.31/2022-23/171 Dated :- 03/01/2023.

Qty. Recived : 04 Set of cube Date of Receipt:- 04/01/2023 Tested on: - 04,05,06 & 07/01/2023. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No. : 915/RK & 9652,9672,9691/SS Lab. Sample No.: 5815 To 5818.

Tested By: Mrs. S.B. Naik Shirodkar. J.E. & Mrs. R.R. Kadam A.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 07/12/2022. P.C.C. 1:2:4 for beds of OR 1.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	10.39	Qty represents - 6.50 cum.
			237.85	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	231.81	Kg/Cm²			
2	Cement concrete cube of mix 1:2:4 , cast on 08/12/2022. P.C.C. 1:2:4 for beds of OR 2.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	5.71	Qty represents - 6.50 cum.
			219.73	Kg/Cm ²			
			208.40	Kg/Cm ²			
		Average	222.00	Kg/Cm²			
3	Cement concrete cube of mix 1:2:4 , cast on 09/12/2022. For Walls of Chamber.	28 th day compressive strength	233.32	Kg/Cm ²	210.00 Kg/cm ²	7.15	Qty represents - 9.00 cum.
			215.20	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	225.02	Kg/Cm²			
4	Cement concrete cube of mix 1:2:4 , cast on 10/12/2022. For Walls of Chamber.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	10.03	Qty represents - 7.00 cum.
			219.73	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	231.06	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD I , WD VIII, WRD, Karaswada 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 , WD VIII, WRD, Karaswada Bardez - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer