

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :1016,1030,1043,1055,1073,/ Lab /**267** /2020 - 21 Dated:- 27/02 / 2021. Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Renovation to the Existing open irrigation channel from Siya temple to Konat farm at Surla in Bicholim Taluka.

Ref. to Requisition No.: F.228/WRD/WDVI/SDI/485/20-21 Dated :- 28/ 01 / 2021.

Qty. Received. : 05 Sets of cube Date of Receipt:- 28/01/ 2021. Tested on: - 16,17,18,19 & 20/02/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. :5073,5089,5105,5120,5139/SS. Lab. Sample No.: 281 to 285 Tested By: 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 19/01/2021, For Side wall both side from ch 450 to 530m.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	12.54	Qty represents - 20.00 Cum.
			244.65	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	236.34			
2	Cement concrete cube of mix 1 :2 :4 , cast on 20/01/2021, For Side wall both side from ch 530 to 580m.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	7.51	Qty represents - 12.00 Cum.
			237.85	Kg/Cm ²			
			212.93	Kg/Cm ²			
			Average	225.77			
3	Cement concrete cube of mix 1 :2 :4 , cast on 21/01/2021, For Side wall both side from ch 580 to 620m.	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	14.70	Qty represents - 10.00 Cum.
			249.18	Kg/Cm ²			
			242.38	Kg/Cm ²			
			Average	240.87			
4	Cement concrete cube of mix 1 :2 :4 , cast on 22/01/2021, Foundation for wall from Band to Siya temple.	28 th day compressive strength	249.18	Kg/Cm ²	210.00 Kg/cm ²	17.22	Qty represents - 15.00 Cum.
			258.24	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	246.16			
5	Cement concrete cube of mix 1 :2 :4 , cast on 23/01/2021, Wall from Bandhara to Siya temple.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	10.75	Qty represents - 14.00 Cum.
			228.79	Kg/Cm ²			
			233.32	Kg/Cm ²			
			Average	232.57			

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