

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :2796,2797,2799,2801 & 2834/ Lab / 230/ 2021 - 22 Dated:- 10/12/2021. Laboratory : Bicholim - Goa.

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

Name of work :Construction of canal crossing at Ch 18.87 km of RBMC of Karapur village in Bicholim Taluka.

Ref. to Requisition No.: F.174/WRD/WDV/SDI/121/2021-22

Dated :- 19/ 11/ 2021.

Qty. Received. :05 Set of cube Date of Receipt:- 20/11/ 2021. Tested on: -24,25,26,27/11/2021 & 07/12/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix P.C.C. 1:2:4 & 1:1.5:3 O.S No. :7112,7115,7121,7125/SS & 120/R.K. Lab. Sample No.: 2395 to 2399 Tested By: Mrs.R.R. Kadam A.E. & Mrs. S.B.

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SR.N	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.V	% above	REMARK
1	Cement concrete cube of mix 1:2:4 , cast on 27/10/2021. P.C.C for Abutment foundation of L.H.S & R.H.S.	28 th day compressive strength	246.91	Kg/Cm ²	210.00 Kg/cm ²	17.94	Qty represents -09.00 Cum.
			258.24	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	247.67	Kg/Cm²			
2	Cement concrete cube of mix 1:2:4 , cast on 28/10/2021.P.C.C for Abutment foundation of L.H.S & R.H.S.	28 th day compressive strength	253.71	Kg/Cm ²	210.00 Kg/cm ²	17.22	Qty represents -07.00 Cum.
			235.59	Kg/Cm ²			
			249.18	Kg/Cm ²			
		Average	246.16	Kg/Cm²			
3	Cement concrete cube of mix 1:2:4 , cast on 29/10/2021.P.C.C for Abutment foundation of L.H.S & R.H.S.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	14.34	Qty represents -06.00 Cum.
			249.18	Kg/Cm ²			
			244.65	Kg/Cm ²			
		Average	240.12	Kg/Cm²			
4	Cement concrete cube of mix 1:2:4 , cast on 30/10/2021.P.C.C for Abutment.	28 th day compressive strength	222.00	Kg/Cm ²	210.00 Kg/cm ²	4.27	Qty represents -18.00 Cum.
			226.53	Kg/Cm ²			
			208.40	Kg/Cm ²			
		Average	218.98	Kg/Cm²			
5	Cement concrete cube of mix 1:1.5:3 , cast on 09/11/2021 for Slab.	28 th day compressive strength	289.95	Kg/Cm ²	265.00 Kg/cm ²	9.70	Qty represents -09.00 Cum.
			299.01	Kg/Cm ²			
			283.16	Kg/Cm ²			
		Average	290.71	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SDII , WDV,WRD, Sankhalim - 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, Karapur - Sanqulim - Goa..

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer