

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :5066 to 5069/ Lab /134/ 2022 - 23 Dated:- 23/ 06 /2022.

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

Name of work :Augmentation of Right Bank Main Canal of T.I.P at ch 12.950 km from Kalna river to secure uninterrupted raw water supply for drinking, agricultural and industrial purpose during the annual canal maintenance period of TIP dam and its appurtenances”.

Ref. to Requisition No.: SDIV/WDVII/WRD/F.19/2022-23/32 Dt.:-20/ 06/ 2022

Qty. Received. : 4 Sets of cube Date of Receipt:- 21/ 06 / 2022. Tested on: 21/06/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **M30** O.S No. :9040 to 9043/SS Lab. Sample No.: 5004 to 5007 Tested By: Mrs. S. B. Naik Shirodkar. J.E.

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SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix M 30 , cast on 24/05/2022. For RCC sump wall (final lift) and 5 columns.	28 th day compressive strength	385.09	Kg/Cm ²	345.00 Kg/cm ²	3.52	Qty represents - 37.00 Cum for four sets of cubes.
			351.12	Kg/Cm ²			
			335.26	Kg/Cm ²			
		Average	357.16	Kg/Cm²			
2	Cement concrete cube of mix M 30 , cast on 24/05/2022. For RCC sump wall (final lift) and 5 columns.	28 th day compressive strength	337.52	Kg/Cm ²	345.00 Kg/cm ²	2.43	----- do -----
			366.97	Kg/Cm ²			
			355.65	Kg/Cm ²			
		Average	353.38	Kg/Cm²			
3	Cement concrete cube of mix M 30 , cast on 24/05/2022. For RCC sump wall (final lift) and 5 columns.	28 th day compressive strength	346.59	Kg/Cm ²	345.00 Kg/cm ²	2.87	----- do -----
			355.65	Kg/Cm ²			
			362.44	Kg/Cm ²			
		Average	354.89	Kg/Cm²			
4	Cement concrete cube of mix M 30 , cast on 24/05/2022. For RCC sump wall (final lift) and 5 columns.	28 th day compressive strength	382.83	Kg/Cm ²	345.00 Kg/cm ²	6.37	----- do -----
			348.85	Kg/Cm ²			
			369.24	Kg/Cm ²			
		Average	366.97	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SDIV , WD VII, WRD,Dhargal, Pednem - 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 VII ,WRD, Dhargal, Pednem - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer