

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :4223 to 4228/ Lab /64/ 2022 - 23 Dated:- 04 / 05 /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.19/2022-2023/06 Dt.:-29/ 04/ 2022

Qty. Received. : 6 Sets of cube Date of Receipt:- 02/ 05 / 2022. Tested on: 03/05/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **RCC M30** O.S No. :0511 to 0516/R.K Lab. Sample No.: 4185 to 4190 Tested By: Mrs. R. R. Kadam A.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 05/04/2022. For RCC First lift of RCC wall, retaining wall and columns 7 nos.	28 th day compressive strength	360.18	Kg/Cm ²	345.00 Kg/cm ²	3.09	Qty represents - 54.00 Cum for six sets of cubes.
			344.32	Kg/Cm ²			
			362.44	Kg/Cm ²			
		Average	355.65	Kg/Cm²			
2	Cement concrete cube of mix M 30 , cast on 05/04/2022. For RCC First lift of RCC wall, retaining wall and columns 7 nos.	28 th day compressive strength	364.71	Kg/Cm ²	345.00 Kg/cm ²	7.03	----- do -----
			369.24	Kg/Cm ²			
			373.77	Kg/Cm ²			
		Average	369.24	Kg/Cm²			
3	Cement concrete cube of mix M 30 , cast on 05/04/2022. For RCC First lift of RCC wall, retaining wall and columns 7 nos.	28 th day compressive strength	346.59	Kg/Cm ²	345.00 Kg/cm ²	3.96	----- do -----
			366.97	Kg/Cm ²			
			362.44	Kg/Cm ²			
		Average	358.67	Kg/Cm²			
4	Cement concrete cube of mix M 30 , cast on 05/04/2022. For RCC First lift of RCC wall, retaining wall and columns 7 nos.	28 th day compressive strength	376.03	Kg/Cm ²	345.00 Kg/cm ²	8.78	----- do -----
			369.24	Kg/Cm ²			
			380.56	Kg/Cm ²			
		Average	375.28	Kg/Cm²			

Assistant Engineer

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SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Cement concrete cube of mix M 30 , cast on 05/04/2022. For RCC First lift of RCC wall, retaining wall and columns 7 nos.	28 th day compressive strength	351.12	Kg/Cm ²	345.00 Kg/cm ²	3.96	Qty represents - 54.00 Cum for six sets of cubes.
			357.91	Kg/Cm ²			
			366.97	Kg/Cm ²			
		Average	358.67	Kg/Cm²			
6	Cement concrete cube of mix M 30 , cast on 05/04/2022. For RCC First lift of RCC wall, retaining wall and columns 7 nos.	28 th day compressive strength	405.48	Kg/Cm ²	345.00 Kg/cm ²	15.34	----- do -----
			398.69	Kg/Cm ²			
			389.63	Kg/Cm ²			
		Average	397.93	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.

Assistant Engineer