

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :4516 to 4521/ Lab /83/ 2022 - 23 Dated:- 18/05/2022.

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.19/2022-2023/12 Dt.:-16/ 05/ 2022

Qty. Received. : 6 Sets of cube Date of Receipt:- 16/ 05 / 2022. Tested on: 16/05/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **RMC M30** O.S No. :8472 to 8477/SS Lab. Sample No.: 4475 to 4480 Tested By: Mrs. S. B. Naik Shirodkar. J.E.

REPORT PAGE 01 OF 02

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 18/04/2022. RCC for Baffle wall and Fore bay raft, retaining wall second lift and 7 columns(second lift).	28 th day compressive strength	380.56	Kg/Cm ²	345.00 Kg/cm ²	8.78	Qty represents - 65.00 Cum for six sets of cubes.
			362.44	Kg/Cm ²			
			382.83	Kg/Cm ²			
			Average	375.28			
2	Cement concrete cube of mix M 30 , cast on 18/04/2022. RCC for Baffle wall and Fore bay raft, retaining wall second lift and 7 columns(second lift).	28 th day compressive strength	385.09	Kg/Cm ²	345.00 Kg/cm ²	9.21	----- do -----
			378.30	Kg/Cm ²			
			366.97	Kg/Cm ²			
			Average	376.79			
3	Cement concrete cube of mix M 30 , cast on 18/04/2022. RCC for Baffle wall and Fore bay raft, retaining wall second lift and 7 columns(second lift).	28 th day compressive strength	335.26	Kg/Cm ²	345.00 Kg/cm ²	5.71	----- do -----
			373.77	Kg/Cm ²			
			385.09	Kg/Cm ²			
			Average	364.71			
4	Cement concrete cube of mix M 30 , cast on 18/04/2022. RCC for Baffle wall and Fore bay raft, retaining wall second lift and 7 columns(second lift).	28 th day compressive strength	353.38	Kg/Cm ²	345.00 Kg/cm ²	4.84	----- do -----
			362.44	Kg/Cm ²			
			369.24	Kg/Cm ²			
			Average	361.69			

Junior Engineer

Assistant Engineer

REPORT PAGE 02 OF 02

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 18/04/2022. RCC for Baffle wall and Fore bay raft, retaining wall second lift and 7 columns(second lift).	28 th day compressive strenath	344.32	Kg/Cm ²	345.00 Kg/cm ²	3.96	Qty represents - 65.00 Cum for six sets of cubes.
			376.03	Kg/Cm ²			
			355.65	Kg/Cm ²			
		Average	358.67	Kg/Cm²			
6	Cement concrete cube of mix M 30 , cast on 18/04/2022. RCC for Baffle wall and Fore bay raft, retaining wall second lift and 7 columns(second lift).	28 th day compressive strenath	337.52	Kg/Cm ²	345.00 Kg/cm ²	4.18	----- do -----
			366.97	Kg/Cm ²			
			373.77	Kg/Cm ²			
		Average	359.42	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