

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :5368 To 5370/ Lab / 164 / 2022 - 23

Dated:- 28/09/2022.

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 /2022-2023/70 Dt.:-26/09/ 2022

Qty. Recived. : 03 Sets of cube Date of Receipt:- 27/09/ 2022. Tested on: 27/09/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **M-30** O.S No. :9332 to 9334 /SS Lab. Sample No.: **5237 To 5239** 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 30/08/2022. RCC for Tie beams of panel room, retaining wall (18.5 m final lift) river side 11 m retaining wall Raft.	28 th day compressive strength	403.22	Kg/Cm ²	345.00 Kg/cm ²	18.41	Qty represents - 38.00 Cum for Three sets of cubes.
			425.87	Kg/Cm ²			
			396.42	Kg/Cm ²			
		Average	408.50	Kg/Cm²			
2	Cement concrete cube of mix M 30 , cast on 30/08/2022. RCC for Tie beams of panel room, retaining wall (18.5 m final lift) river side 11 m retaining wall Raft.	28 th day compressive strength	396.42	Kg/Cm ²	345.00 Kg/cm ²	19.72	----- do -----
			434.93	Kg/Cm ²			
			407.75	Kg/Cm ²			
		Average	413.03	Kg/Cm²			
3	Cement concrete cube of mix M 30 , cast on 30/08/2022. RCC for Tie beams of panel room, retaining wall (18.5 m final lift) river side 11 m retaining wall Raft.	28 th day compressive strength	389.63	Kg/Cm ²	345.00 Kg/cm ²	19.06	----- do -----
			430.40	Kg/Cm ²			
			412.28	Kg/Cm ²			
		Average	410.77	Kg/Cm²			

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

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer