

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :5346 To 5348/ Lab /157/ 2022 - 23

Dated:- 05/09/2022.

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 /2022-2023/65 Dt.:03/09/ 2022

Qty. Recived. : 03 Sets of cube Date of Receipt:- 03/09/ 2022. Tested on: 04/09/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **M-30** O.S No. :820,821 & 822 /RK Lab. Sample No.: **5214,5215 & 5216** 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 07/08/2022. RCC for Penel room, columns (8 Nos) and retaining wall (3rd lift) 19.5 m	28 th day compressive strength	378.30	Kg/Cm ²	345.00 Kg/cm ²	12.06	Qty represents - 16.00 Cum for Three sets of cubes.
			394.16	Kg/Cm ²			
			387.36	Kg/Cm ²			
		Average	386.60	Kg/Cm²			
2	Cement concrete cube of mix M 30 , cast on 07/08/2022. RCC for Penel room columns (8 Nos) and retaining wall (3rd lift) 19.5 m	28 th day compressive strength	425.87	Kg/Cm ²	345.00 Kg/cm ²	18.41	----- do -----
			382.83	Kg/Cm ²			
			416.81	Kg/Cm ²			
		Average	408.50	Kg/Cm²			
3	Cement concrete cube of mix M 30 , cast on 07/08/2022. RCC for Penel room columns (8 Nos) and retaining wall (3rd lift) 19.5 m	28 th day compressive strength	425.87	Kg/Cm ²	345.00 Kg/cm ²	17.09	----- do -----
			385.09	Kg/Cm ²			
			400.95	Kg/Cm ²			
		Average	403.97	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.

Assistant Engineer