

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :4928 & 4931/ Lab /126/ 2022 - 23 Dated:- 15/ 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.19/2022-2023/24 Dt.:- 07/06/ 2022

Qty. Received. : 2 Sets of cube Date of Receipt:- 08/ 06 / 2022. Tested on: 13/06/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **M-30** O.S No. :8898 & 8901/SS Lab. Sample No.: 4840 & 4843 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 16/05/2022. RCC for Retaining wall panel room (first lift), columns 5 column(pump side).	28 th day compressive strenath	328.46	Kg/Cm ²	345.00 Kg/cm ²	1.99	Qty represents - 42.00 Cum for four sets of cubes.
			351.12	Kg/Cm ²			
			376.03	Kg/Cm ²			
		Average	351.87	Kg/Cm²			
2	Cement concrete cube of mix M-30 , cast on 16/05/2022. RCC for Retaining wall panel room (first lift), columns 5 column(pump side).	28 th day compressive strenath	337.52	Kg/Cm ²	345.00 Kg/cm ²	3.09	----- do -----
			362.44	Kg/Cm ²			
			366.97	Kg/Cm ²			
		Average	355.65	Kg/Cm²			
3	Cement concrete cube of mix M-30 , cast on 16/05/2022. RCC for Retaining wall panel room (first lift), columns 5 column(pump side).	28 th day compressive strenath	373.77	Kg/Cm ²	345.00 Kg/cm ²	4.40	----- do -----
			344.32	Kg/Cm ²			
			362.44	Kg/Cm ²			
		Average	360.18	Kg/Cm²			
4	Cement concrete cube of mix M-30 , cast on 16/05/2022. RCC for Retaining wall panel room (first lift), columns 5 column(pump side).	28 th day compressive strenath	362.44	Kg/Cm ²	345.00 Kg/cm ²	2.21	----- do -----
			332.99	Kg/Cm ²			
			362.44	Kg/Cm ²			
		Average	352.63	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