

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 5460,5461,5462,5463/ Lab /189/2022 - 23 Dated:- 14/11/2022. Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Augmentation of Right Bank Main Canal of TIP at Ch. 12.950km from Kalna River to secure uninterrupted raw water supply for drinking, agricultural and Industrial purpose during the annual canal maintenance period of T.I.P. dam and its appurtenances.

Ref. to Requisition No.: SDIV/WDVII/WRD/F.19/2022-23/86. dated :-09/11/2022.

Qty. Recived. : 04 Set of cube Date of Receipt:- 09/11/2022 Tested on: - 09/11/2022 . Ref to CPWD :2009, Vol. I

Sample: Cube Mix **M-30** O.S No. : 9462,9463,9464,9465/SS Lab. Sample No.: 5373 To 5376. Tested By: Mrs. S.B. Naik Shirodkar. J.E.

Cube test witnessed by Shri. C.H Gopi representative by Agency M/s. South East Construction Company Pvt. Ltd. on 09/11/2022.

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix M-30 , cast on 12/10/2022. RCC for Tie beam 12.75mt., Columns 11 mt., Retaining Wall.	28 th day compressive strength	373.77	Kg/Cm ²	345.00 Kg/cm ²	14.47	Qty represents - 38.00 cum for Four sets of cube.
			403.22	Kg/Cm ²			
			407.75	Kg/Cm ²			
		Average	394.91	Kg/Cm²			
2	Cement concrete cube of mix M-30 , cast on 12/10/2022. RCC for Tie beam 12.75mt., Columns 11 mt., Retaining Wall.	28 th day compressive strength	337.52	Kg/Cm ²	345.00 Kg/cm ²	3.09	-----do-----
			357.91	Kg/Cm ²			
			371.50	Kg/Cm ²			
		Average	355.65	Kg/Cm²			
3	Cement concrete cube of mix M-30 , cast on 12/10/2022. RCC for Tie beam 12.75mt., Columns 11 mt., Retaining Wall.	28 th day compressive strength	351.12	Kg/Cm ²	345.00 Kg/cm ²	10.75	-----do-----
			389.63	Kg/Cm ²			
			405.48	Kg/Cm ²			
		Average	382.07	Kg/Cm²			
4	Cement concrete cube of mix M-30 , cast on 12/10/2022. RCC for Tie beam 12.75mt., Columns 11 mt., Retaining Wall.	28 th day compressive strength	385.09	Kg/Cm ²	345.00 Kg/cm ²	4.62	-----do-----
			355.65	Kg/Cm ²			
			342.05	Kg/Cm ²			
		Average	360.93	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD IV , 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