

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F. 6-2/Cube -T :- 7221,7236,7251,7267,7293,7297/Lab/**105**/2023 - 24 Dated:- 22/06/2023. Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work :- Tillari Irrigation Project:- Left Bank Main Canal (RCC Box Conduit) from ch.28.915 km to ch.37.425 km. Reg: Providing, laying, testing and commissioning 1400 mm dia bypass MS pipeline at the stretch of existing RCC Box Conduit to ensure uninterrupted raw water supply to water treatment plants.

Ref. to Requisition No : SDI/WDVIII/WRD/W F.71/2023-24/37. dated :- 05/06/2023.

Qty. Recived. : **06** Sets of cubes Date of Receipt:- 05/06/2023. Tested on:- 13,14,15,16,18, & 19/06/2023 Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:1.5:3** O.S No: 844,859,876,893,919,924/SS. Lab. Sample No: 7324 To 7329 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 1:1.5:3 , cast on 16/05/2023. for Thrust Block.	28 th day compressive strength	296.75	Kg/Cm ²	265.00 Kg/cm ²	5.14	Qty represents - 2.00 Cum.
			260.51	Kg/Cm ²			
			278.63	Kg/Cm ²			
		Average	278.63	Kg/Cm²			
2	Cement concrete cube of mix 1:1.5:3 , cast on 17/05/2023. for Thrust Block.	28 th day compressive strength	255.97	Kg/Cm ²	265.00 Kg/cm ²	4.57	Qty represents - 2.50 Cum.
			280.89	Kg/Cm ²			
			294.48	Kg/Cm ²			
		Average	277.12	Kg/Cm²			
3	Cement concrete cube of mix 1:1.5:3 , cast on 18/05/2023. for Thrust Block.	28 th day compressive strength	283.16	Kg/Cm ²	265.00 Kg/cm ²	4.29	Qty represents - 3.50 Cum.
			276.36	Kg/Cm ²			
			269.57	Kg/Cm ²			
		Average	276.36	Kg/Cm²			
4	Cement concrete cube of mix 1:1.5:3 , cast on 19/05/2023. for Thrust Block.	28 th day compressive strength	271.83	Kg/Cm ²	265.00 Kg/cm ²	6.00	Qty represents - 4.00 Cum.
			278.63	Kg/Cm ²			
			292.22	Kg/Cm ²			
		Average	280.89	Kg/Cm²			

Junior Engineer

Assistant Engineer

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Cement concrete cube of mix 1:1.5:3 , cast on 21/05/2023. for Thrust Block.	28 th day compressive strength	283.16	Kg/Cm ²	265.00 Kg/cm ²	3.15	Qty represents - 2.00 Cum.
			274.10	Kg/Cm ²			
			262.77	Kg/Cm ²			
		Average	273.34	Kg/Cm²			
6	Cement concrete cube of mix 1:1.5:3 , cast on 22/05/2023. for Thrust Block.	28 th day compressive strength	280.89	Kg/Cm ²	265.00 Kg/cm ²	4.00	Qty represents - 2.50 Cum.
			274.10	Kg/Cm ²			
			271.83	Kg/Cm ²			
		Average	275.61	Kg/Cm²			

Copy to: 1. The Assistant Engineer, SDI, WDVIII, WRD, Karaswada Bardez - Goa.

2. Copy submitted to The Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa for kind Information.
3. Copy submitted to The Executive Engineer, WDVIII, WRD, Karaswada Bardez - Goa.
4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer