

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F. 6-2/Cube -T :- 7456,7468,7480/Lab/131/2023 - 24 Dated:- 10/07/2023.

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.71/2023-24/50 dated :-16/06/2023.

Qty. Recived. : 03 Sets of cubes Date of Receipt:- 16/06/2023 Tested on:- 03,04 & 06/07/2023 Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No: 1548/RK & 1062,1077/SS . Lab. Sample No: 7513 To 7515 Tested By: Mrs. R.R. Kadam A.E. & Mrs. S.B.Naik Shirodkar. J.E.

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Cement concrete cube of mix 1:2:4, cast on 05/06/2023. PCC for Anchor Block.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	13.62	Qty represents - 10.00 cum.
			235.59	Kg/Cm ²			
			253.71	Kg/Cm ²			
		Average	238.61	Kg/Cm²			
2	Cement concrete cube of mix 1:2:4, cast on 06/06/2023. PCC for Anchor Block.	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	8.95	Qty represents - 12.00 cum.
			226.53	Kg/Cm ²			
			240.12	Kg/Cm ²			
		Average	228.79	Kg/Cm²			
3	Cement concrete cube of mix 1:2:4, cast on 08/06/2023. PCC for Anchor Block.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	17.22	Qty represents - 10.50 cum.
			258.24	Kg/Cm ²			
			242.38	Kg/Cm ²			
		Average	246.16	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