

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F.6-2/Cube -T :6958 & 6990 / Lab / **172** / 2019 - 20 Dated:- 10 / 06 / 2019

Laboratory : Bicholim -Goa / Sub Division V (QC)/WRD/ Bicholim -Goa.

Name of Work: - Supplying Raw water to the proposed 30 MLD water treatment plant at Tuem for PWD and to Irrigate 165.00 Ha. Of Command in Pernem, Tuem, Korgao, and Palyem villages by pumping water from chainage 22.00 Km of R.B.M.C. of T.I.P. at Dhargal in Pernem Taluka. **Part - II Construction of gravity main part - I (Irrigation Outlet).**

Ref. to Requisition No.: SD I / WD VII/ WRD / F.352 /2019-20/ **33** Dated :- 10-05-2019

Qty. Recived. : 02 Sets of cube Date of Receipt: - 13 /05/2019. Tested on: - 03/06/19 & 04 /06/2019 Ref to CPWD :2002, Vol. I

Sample: PCC 1 : 1.5 : 3 Mix O.S No. : 2016, 2050/SS. Lab. Sample No.: 4643 & 4644. Tested By: - Mrs. S. B. Naik Shirodkar. J.E..

SR.NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Reinforced Cement concrete cube of mix 1 : 1.5 : 3, cast on 06 / 05 /2019, RCC for Thrust blocks & A/Block .	28 th day compressive strength	310.34	Kg/Cm ²	265.00 Kg/Cm ²	24.52	Represents quantity - 21.50 Cum.
			326.20	Kg/Cm ²			
			353.38	Kg/Cm ²			
		Average	329.97	Kg/Cm²			
2	Reinforced Cement concrete cube of mix 1 : 1.5 : 3, cast on 07 / 05 /2019, RCC for Thrust blocks , A/Block & Air valve chamber .	28 th day compressive strength	328.46	Kg/Cm ²	265.00 Kg/Cm ²	27.65	Represents quantity - 20.50 Cum.
			342.05	Kg/Cm ²			
			344.32	Kg/Cm ²			
		Average	338.28	Kg/Cm²			

Copy to: 1. The Assistant Engineer SD I , 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 ,WDVII, WRD, Dhargal - Pernem - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer