

**GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT**

Test Report No.: WRD/QC/F.6-2/Cube -T -7926,7927,7928,7929 /Lab/**286** / 2019 -20 Dated:- 15 / 10 / 2019

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

Name of Work: - Supplying Raw water to Mopa airport by pumping water from ch. 17.300 kms of R.B.M.C. of TIP at Nagzer village in Pernem Taluka.

Ref. to Requisition No.: - SDIV/WDVII/WRD /F.132/2019-20/ 114 Dated :10-10-2019

Qty. Recived. : 4 Sets of cube Date of Receipt: - 10 / 10 / 2019. Tested on: -10/10/2019 To 15/10/2019 as per due dates Ref to CPWD :2002, Vol. I

Sample: P.C.C. 1:2:4 & RCC 1:1.5:3 Mix O.S No: 1113/AF,2716/SS,1114,1143/AF. Lab. Sample No.: 6827 To 6830.

Tested By: -Mr.Anil R. Fadte,J.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	Plain Cement concrete cubes of mix 1:2:4 cast on 12 / 09 / 2019, for foundation and wall raft.	28th day compressive strength	242.38	Kg/Cm ³	210.00 Kg/Cm ²	19.02	Quantity Represents 6.00 m3.
			274.10	Kg/Cm ³			
			233.32	Kg/Cm ²			
		Average	249.93	Kg/Cm²			
2	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 13 / 09 / 2019, for C 1 to C 12 footings.	28 th day compressive strength	335.26	Kg/Cm ²	265.00 Kg/Cm ²	20.81	Quantity Represents 12.00 m3.
			308.08	Kg/Cm ²			
			317.14	Kg/Cm ²			
		Average	320.16	Kg/Cm²			
3	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 16 / 09 / 2019, for foundation of wall and first lift of wall.	28th day compressive strength	339.79	Kg/Cm ³	265.00 Kg/Cm ²	17.96	Quantity Represents 8.00 m3.
			267.30	Kg/Cm ³			
			330.73	Kg/Cm ²			
		Average	312.61	Kg/Cm²			
4	Reinforced Cement concrete cubes of mix 1:1.5:3 cast on 17 / 09 / 2019, for plinth beam.	28 th day compressive strength	317.14	Kg/Cm ²	265.00 Kg/Cm ²	20.81	Quantity Represents 6.00 m3.
			312.61	Kg/Cm ²			
			330.73	Kg/Cm ²			
		Average	320.16	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 ,WDVII,WRD , Dhargal - Pernem- Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer