

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :1621,1622,1633,1634,1644,1645 / Lab /21 / 2021 - 22 Dated:-22 / 04 / 2021. Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of pump house, rising main and allied structures for pumping water from ch 7.190 km to ch 8.002 km and Gravity Main from ch 8.002 km to 8.780 km of B6 distributory of RBMC of TIP at Ugvem in Pernem Taluka.

Ref. to Requisition No.:SDII/ WD.VII/ W.R.D./F.18/2021-22/ 177 Dated :- 08/ 04 / 2021.

Qty. Recived. :06 Sets of cube Date of Receipt:- 08/ 04 / 2021. Tested on: -08,09 & 10/04/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1 : 1.5 : 3 O.S No. : 5784,5785,5798,5799,5811,5812/SS Lab. Sample No.: 1122 To 1127 Tested By: Mrs. Shirodkar. J.E.

REPORT PAGE 01 OF 02

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 11/03/2021. RCC for Thrust Block.	28 th day compressive strength	249.18	Kg/Cm ²	265.00 Kg/cm ²	6.28	Qty represents - 25.00 Cum for two sets of cubes.
			292.22	Kg/Cm ²			
			303.55	Kg/Cm ²			
		Average	281.65	Kg/Cm²			
2	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 11/03/2021. RCC for Thrust Block.	28 th day compressive strength	289.95	Kg/Cm ²	265.00 Kg/cm ²	7.99	----- do -----
			285.42	Kg/Cm ²			
			283.16	Kg/Cm ²			
		Average	286.18	Kg/Cm²			
3	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 12/03/2021. RCC for Chamber and Thrust Block.	28 th day compressive strength	278.63	Kg/Cm ²	265.00 Kg/cm ²	5.43	Qty represents - 25.00 Cum for two sets of cubes.
			285.42	Kg/Cm ²			
			274.10	Kg/Cm ²			
		Average	279.38	Kg/Cm²			
4	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 12/03/2021. RCC for Chamber and Thrust Block.	28 th day compressive strength	294.48	Kg/Cm ²	265.00 Kg/cm ²	3.72	----- do -----
			253.71	Kg/Cm ²			
			276.36	Kg/Cm ²			
		Average	274.85	Kg/Cm²			

Junior Engineer

Assistant Engineer

REPORT PAGE 02 OF 02

SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value nermissable	% above or below	REMARK
5	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 13/03/2021. RCC for Septic tank and Thrust Block.	28 th day compressive strength	271.83	Kg/Cm ²	265.00 Kg/cm ²	3.43	Qty represents - 25.00 Cum for two sets of cubes.
			246.91	Kg/Cm ²			
			303.55	Kg/Cm ²			
		Average	274.10	Kg/Cm²			
6	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 13/03/2021. RCC for Septic tank and Thrust Block.	28 th day compressive strength	280.89	Kg/Cm ²	265.00 Kg/cm ²	2.29	----- do -----
			262.77	Kg/Cm ²			
			269.57	Kg/Cm ²			
		Average	271.08	Kg/Cm²			

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