

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 055, 071 TO 074 / Lab / **69** / 2020 - 21 Dated:- 24/ 06 / 2020 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 B-6 Distributory of RBMC of TIP at Ugvem in Pernem Taluka.

Ref. to Requisition No.: SD II /WD VII /WRD/ F. 18 /2020-21/36 dated :- 18 / 06 / 2020.

Qty. Recived. : 05 Sets of cube Date of Receipt:- 19/ 06 / 2020. Tested on: - 19 & 20 /06 / 2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1 : 1.5 : 3 O.S No. : 3955,3970,3971,3972 & 3973 /SS. Lab. Sample No.: 9252 TO 9256

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 22/05/2020, RCC for Retaining wall RCC Raft.	28 th day compressive strength	294.48	Kg/Cm ²	265.00 Kg/cm ²	6.28	Quantity represents 15.00 Cum
			278.63	Kg/Cm ²			
			271.83	Kg/Cm ²			
			Average	281.65			
2	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 23/05/2020, RCC for Mat for sump for pump house at ch. 7.222km.	28 th day compressive strength	280.89	Kg/Cm ²	265.00 Kg/cm ²	7.14	Quantity represents 43.00 Cum for four sets of cubes
			271.83	Kg/Cm ²			
			299.01	Kg/Cm ²			
			Average	283.91			
3	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 23/05/2020, RCC for Mat for sump for pump house at ch. 7.222km.	28 th day compressive strength	303.55	Kg/Cm ²	265.00 Kg/cm ²	12.27	---- do ----
			280.89	Kg/Cm ²			
			308.08	Kg/Cm ²			
			Average	297.50			
4	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 23/05/2020, RCC for Mat for sump for pump house at ch. 7.222km.	28 th day compressive strength	289.95	Kg/Cm ²	265.00 Kg/cm ²	9.99	---- do ----
			262.77	Kg/Cm ²			
			321.67	Kg/Cm ²			
			Average	291.46			
5	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 23/05/2020, RCC for Mat for sump for pump house at ch. 7.222km.	28 th day compressive strength	294.48	Kg/Cm ²	265.00 Kg/cm ²	6.00	---- do ----
			280.89	Kg/Cm ²			
			267.30	Kg/Cm ²			
			Average	280.89			

Copy to: 1. The Assistant Engineer , SDII , 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