

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 8919,9021,9022,9023 & 9024 / Lab / **476** / 2019 - 20 Dated:- 07 / 03 / 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 Kms To Ch. 8.002 Kms and Gravity Main from Ch. 8.002 Kms TO 8.780 Kms of B-6 Distributory R.B.M.C. of T.I.P. at Ugvem in Pernem Taluka.

Ref to requisition No.:- SD II / WDVII / WRD / F.18 /2019-20/ **160** Dated :- 25 / 02 / 2020.

Qty. Recived. : 05 Sets of cube Date of Receipt:- 26 / 02 / 2020. Tested on: - 25/02/2020 & 04 /03 /2020 . Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:1.5:3 O.S No. :3294,3358 To 3361 /SS. Lab. Sample No.: 8146 To 8150. Tested By: - Mrs. S.B.Naik Shirodkar. J.E.

SR.N O.	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 29 /01/2020. RCC for Columns above GL, Waist slab	28 th day compressive strength	271.83	Kg/Cm ²	265.00 Kg/cm ²	7.42	1) Qty represents - 15.00 Cum . 2) Cube test is witnessed by Shri. C.H.Gopi . Representative of South East Construction Pvt Ltd.
			299.01	Kg/Cm ²			
			283.16	Kg/Cm ²			
		Average	284.67	Kg/Cm²			
2	Reinforced Cement concrete cube of mix 1:1.5 :3 , cast on 05/02/2020. RCC for First floor slab and beams, slab projection.	28 th day compressive strength	283.16	Kg/Cm ²	265.00 Kg/cm ²	13.69	Quantity represents 15.00 Cum.
			289.95	Kg/Cm ²			
			330.73	Kg/Cm ²			
		Average	301.28	Kg/Cm²			
3	Reinforced Cement concrete cube of mix 1:1.5 :3 , cast on 05/02/2020. RCC for First floor slab and beams, slab projection.	28 th day compressive strength	305.81	Kg/Cm ²	265.00 Kg/cm ²	16.82	Quantity represents 10.00 Cum.
			328.46	Kg/Cm ²			
			294.48	Kg/Cm ²			
		Average	309.59	Kg/Cm²			
4	Reinforced Cement concrete cube of mix 1:1.5 :3 , cast on 05/02/2020. RCC for First floor slab and beams, slab projection.	28 th day compressive strength	296.75	Kg/Cm ²	265.00 Kg/cm ²	14.26	Quantity represents 10.00 Cum.
			285.42	Kg/Cm ²			
			326.20	Kg/Cm ²			
		Average	302.79	Kg/Cm²			
5	Reinforced Cement concrete cube of mix 1:1.5 :3 , cast on 05/02/2020. RCC for First floor slab and beams, slab projection.	28 th day compressive strength	299.01	Kg/Cm ²	265.00 Kg/cm ²	18.82	Quantity represents 10.00 Cum.
			328.46	Kg/Cm ²			
			317.14	Kg/Cm ²			
		Average	314.87	Kg/Cm²			

1. Copy to The Assistant Engineer ,Sub Division -II, W.D. - 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 ,Works Division - VII ,WRD, Dhargal - Pernem - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer