

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7411,7412,7419,7420 / Lab / **217** / 2019 - 20 Dated:- 28/06/2019 Laboratory : Bicholim - Goa.
7470,7471,7507 & 7508 Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of Pilgao Narve Distributory of LBMC of TIP from Ch. 8670 m. to Ch. 10725 m. at Narva Village in Bicholim Taluka.(Balance work)

Ref. to Requisition No.: WRD /WD VIII / SD II / F.160-1 /2019-20/37 dated :-21 / 06 / 2019.

Qty. Recived. : 08 Sets of cube Date of Receipt:- 22/06/2019. Tested on: - 23/06/2019 To 28/06/2019 as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube Mix 1:2:4 O.S No. : 972,973/AF,2318,2319,2369,2370,2406 &2407 /SS. Lab. Sample No.: 6383 To 6390 Tested By: Mr. Anil R. Fadte JE &

REPORT PAGE 01 OF 02

Mrs. S.B. Naik Shirodkar. J.E.

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix 1 : 2 : 4 , cast on 26/05/2019.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	6.07	Quantity represents by each set of cube & location of work done is not specified.
			217.47	Kg/Cm ²			
			212.93	Kg/Cm ²			
		Average	222.75	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 26/05/2019.	28 th day compressive strength	210.67	Kg/Cm ²	210.00 Kg/cm ²	5.71	--- do ---
			219.73	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	222.00	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 27/05/2019.	28 th day compressive strength	258.24	Kg/Cm ²	210.00 Kg/cm ²	19.38	--- do ---
			244.65	Kg/Cm ²			
			249.18	Kg/Cm ²			
		Average	250.69	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 27/05/2019.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	16.50	--- do ---
			249.18	Kg/Cm ²			
			258.24	Kg/Cm ²			
		Average	244.65	Kg/Cm²			
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 29/05/2019.	28 th day compressive strength	255.97	Kg/Cm ²	210.00 Kg/cm ²	15.42	--- do ---
			244.65	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	242.38	Kg/Cm²			

Junior Engineer

Assistant Engineer

REPORT PAGE 02 OF 02

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
6	Cement concrete cube of mix 1 : 2 : 4 , cast on 29/05/2019.	28 th day compressive strength	258.24	Kg/Cm ²	210.00 Kg/cm ²	15.06	Quantity represents by each set of cube & location of work done is not specified.
			231.06	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	241.63	Kg/Cm²			
7	Cement concrete cube of mix 1 : 2 : 4 , cast on 31/05/2019.	28 th day compressive strength	242.38	Kg/Cm ²	210.00 Kg/cm ²	18.30	--- do ---
			267.30	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	248.42	Kg/Cm²			
8	Cement concrete cube of mix 1 : 2 : 4 , cast on 31/05/2019.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	14.70	--- do ---
			237.85	Kg/Cm ²			
			249.18	Kg/Cm ²			
		Average	240.87	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SDII , WD VIII, WRD, Tivim, Bardez - 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 VIII ,WRD, Karaswada -Bardez - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer