

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 8517,8541,8554,8582,8588,8604 / Lab / **408** / 2019 - 20 Dated:- 27 / 01 / 2020. Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of Pilgao Narve Distributory of L.B.M.C. of T.I.P. from Ch. 11.020 kms to Ch. 12.330 kms at Pilgao and Narva Villages in Bicholim Taluka.

Ref. to Requisition No.: WRD /WD VIII / SD II / F.160-5 /2019-20/ **156** dated :- 08 / 01 / 2020.

Qty. Recived. : 06 Sets of cube Date of Receipt:- 14 / 01 / 2020. Tested on: -18/01/2020 To 25/01/2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. : 3073,3084,3090,3101,3106 & 3112 /SS. Lab. Sample No.: 7634 To 7639

Tested By: Mrs. S.B. Naik Shirodkar. J.E. **Cube test witnessed by Mr. Arjun Pillai, representative of M/s. Bagkiya Construction Pvt on 21/01/2020.**

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 21 /12 / 2019, PCC for Retaining wall from Ch. 11.780 Km To Ch. 11.800 Km .	28 th day compressive strength	203.87	Kg/Cm ²	210.00 Kg/cm ²	3.55	Qty represents - 15.50 Cum.
			222.00	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	217.47			
2	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 23 /12 / 2019, PCC for Retaining wall from Ch. 11.800 Km To Ch. 11.820 Km .	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	3.20	Qty represents - 15.62 Cum.
			208.40	Kg/Cm ²			
			210.67	Kg/Cm ²			
			Average	216.71			
3	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 24 /12 / 2019, PCC for Retaining wall from Ch. 11.725 Km To Ch. 11.750 Km .	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	4.27	Qty represents - 17.90 Cum.
			217.47	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	218.98			
4	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 26 /12 / 2019, PCC for Retaining wall from Ch. 11.700 Km To Ch. 11.730 Km .	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	2.84	Qty represents - 17.90 Cum.
			217.47	Kg/Cm ²			
			203.87	Kg/Cm ²			
			Average	215.95			

Junior Engineer

Assistant Engineer

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 27 /12 / 2019, PCC for Retaining wall from Ch. 11.550 Km To Ch. 11.580 Km .	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	2.48	Qty represents - 17.90 Cum.
			203.87	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	215.20	Kg/Cm²			
6	Plain Cement concrete cube of mix 1 : 2 : 4 , cast on 28 /12 / 2019, PCC for Retaining wall from Ch. 11.580 Km To Ch. 11.600 Km .	28 th day compressive strength	201.61	Kg/Cm ²	210.00 Kg/cm ²	2.12	Qty represents - 18.00 Cum.
			215.20	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	214.44	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