

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 7086,7152,7160,7303 / Lab / **213** / 2019 - 20 Dated:- 26/ 06 / 2019 Laboratory : Bicholim - Goa.
7359,7399,7422 & 7453 Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of Pilgao Narve Distributory of LBMC of TIP from Ch. 10.725 kms to Ch. 11.020 kms at Pilgao and Narva Villages in Bicholim Taluka.

Ref. to Requisition No.: WRD /WD VIII / SD II / F.160-4 /2019-20/28 dated :-04 / 06 / 2019.

Qty. Recived. : 08 Sets of cube Date of Receipt:- 07/ 06 / 2019. Tested on: - 07/06/2019 To 25/06/2016 as per due dates. Ref to CPWD :2002, Vol. I

Sample: Cube Mix 1:3:6 & 1 : 1.5 : 3 O.S No. : 2153, 2202,2209,2258,2295,2306,2321 & 2352 /SS. Lab. Sample No.: 6043 To 6050

Tested By: Mrs. S.B. Naik Shirodkar. J.E. **Cube test witnessed by Mr. C. Gopalkrishnan, representative of M/s. City Construction Engineers & Contractors on 07/06/2019.**

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Plain Cement concrete cube of mix 1 : 3 : 6 , cast on 10/05/2019, Pedestal for Truss.	28 th day compressive strength	135.92	Kg/Cm ²	100.00 Kg/cm ²	26.10	Qty represents - 17.00 Cum.
			124.59	Kg/Cm ²			
			117.79	Kg/Cm ²			
			Average	126.10			
2	Reinforced Cement concrete cube of mix 1 : 1.5 : 3 , cast on 13/05/2019, Pedestal for Truss.	28 th day compressive strength	265.04	Kg/Cm ²	265.00 Kg/cm ²	3.72	Qty represents - 20.00 Cum.
			287.69	Kg/Cm ²			
			271.83	Kg/Cm ²			
			Average	274.85			
3	Reinforced Cement concrete cube of mix 1 : 1.5 : 3 , cast on 14/05/2019, Pedestal for Truss.	28 th day compressive strength	278.63	Kg/Cm ²	265.00 Kg/cm ²	7.71	Qty represents - 20.00 Cum.
			276.36	Kg/Cm ²			
			301.28	Kg/Cm ²			
			Average	285.42			
4	Reinforced Cement concrete cube of mix 1 : 1.5 : 3 , cast on 20/05/2019, Pedestal for Truss.	28 th day compressive strength	280.89	Kg/Cm ²	265.00 Kg/cm ²	8.28	Qty represents - 20.00 Cum.
			296.75	Kg/Cm ²			
			283.16	Kg/Cm ²			
			Average	286.93			
5	Reinforced Cement concrete cube of mix 1 : 1.5 : 3 , cast on 24/05/2019, Pedestal for Truss.	28 th day compressive strength	278.63	Kg/Cm ²	265.00 Kg/cm ²	10.56	Qty represents - 20.00 Cum.
			314.87	Kg/Cm ²			
			285.42	Kg/Cm ²			
			Average	292.97			

Junior Engineer

Assistant Engineer

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
6	Reinforced Cement concrete cube of mix 1 : 1.5 : 3 , cast on 25/05/2019, Pedestal for Truss.	28 th day compressive strength	276.36	Kg/Cm ²	265.00 Kg/cm ²	7.14	Qty represents - 20.00 Cum.
			280.89	Kg/Cm ²			
			294.48	Kg/Cm ²			
			Average	283.91			
7	Reinforced Cement concrete cube of mix 1 : 1.5 : 3 , cast on 27/05/2019, Pedestal for Truss.	28 th day compressive strength	301.28	Kg/Cm ²	265.00 Kg/cm ²	9.70	Qty represents - 20.00 Cum.
			289.95	Kg/Cm ²			
			280.89	Kg/Cm ²			
			Average	290.71			
8	Reinforced Cement concrete cube of mix 1 : 1.5 : 3 , cast on 28/05/2019, Pedestal for Truss.	28 th day compressive strength	294.48	Kg/Cm ²	265.00 Kg/cm ²	4.86	Qty represents - 20.00 Cum.
			267.30	Kg/Cm ²			
			271.83	Kg/Cm ²			
			Average	277.87			

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