

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 141,142,148 & 149 / Lab / **92** / 2020 - 2021 Dated:- 09/ 07 / 2020 Laboratory : Bicholim - Goa.
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. 10.725 km. at Narva Village in Bicholim Taluka.
(Balance work)**

Ref. to Requisition No.: WRD /WD VIII / SD II / F.160-1 /2020-21/39 dated :- 30 / 06 / 2020.

Qty. Recived. : 04 Sets of cube Date of Receipt:- 01/ 07 / 2020. Tested on: - 02/07/2020 & 03/07/2020 . Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:1.5:3 O.S No. : 4033 & 4039 /SS. Lab. Sample No.: 9306 To 9309 Tested By: Mrs. S.B. Naik Shirodkar, JE.

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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 04/06/2020 for pipe Encasing ch.9.624 km to ch. 9.654 km.	28 th day compressive strength	283.16	Kg/Cm ²	265.00 Kg/cm ²	6.28	Qty represents - 32.00 cum for two sets of cubes.
			299.01	Kg/Cm ²			
			262.77	Kg/Cm ²			
		Average	281.65	Kg/Cm²			
2	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 04/06/2020 for pipe Encasing ch.9.624 km to ch. 9.654 km.	28 th day compressive strength	310.34	Kg/Cm ²	265.00 Kg/cm ²	8.56	--- do ---
			258.24	Kg/Cm ²			
			294.48	Kg/Cm ²			
		Average	287.69	Kg/Cm²			
3	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 05/06/2020 for pipe Encasing ch.9.654 km to ch. 9.664 km.	28 th day compressive strength	303.55	Kg/Cm ²	265.00 Kg/cm ²	13.69	Qty represents - 30.00 cum for two sets of cubes.
			317.14	Kg/Cm ²			
			283.16	Kg/Cm ²			
		Average	301.28	Kg/Cm²			
4	Cement concrete cube of mix 1 : 1.5 : 3 , cast on 05/06/2020 for pipe Encasing ch.9.654 km to ch. 9.664 km.	28 th day compressive strength	278.63	Kg/Cm ²	265.00 Kg/cm ²	7.99	--- do ---
			310.34	Kg/Cm ²			
			269.57	Kg/Cm ²			
		Average	286.18	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